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INTELLIGENT BUILDING TECHNOLOGIES | SMART BEYOND YOUR IMAGINATION

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我们的优势
OUR ADVANTAGES

连续十二年全国智能化工程排名在前 60 名。

公司多个项目获得“全国百项智能化经典工程”的称号和“全国智能工程精选 100 例”的称号。

连续十二年 (2011-2022) 年度广东省诚信兴商企业。

连续十五年 (2008-2022) 获得广东省工商行政管理局授予“广东省守合同重信用企业”的称号。

连续十五年 (2008-2022) 荣获深圳市建筑品牌企业金奖。

上海平安后援中心、深圳证券交易所营运中心和北京中信大厦获得建设部颁发的鲁班奖等。

大梅沙万科中心、深圳泰伦广场、深圳清华研究院新大楼获得美国 LEED 铂金认证、北京中信大厦获得美国 LEED 金级认证、广州南方电网生产基地获得金匠奖等。

领先的技术优势
Leading technical advantage

成熟的解决方案
Project proven solution

行业的广泛赞誉
Wide praise from the industry

优秀的案例硕果
Excellent case results

RANKED AMONG THE TOP 60 NATIONAL INTELLIGENT PROJECTS FOR 12 CONSECUTIVE YEARS.

MANY OF THE COMPANY'S PROJECTS HAVE WON THE TITLE OF "NATIONAL HUNDRED INTELLIGENT CLASSICAL PROJECTS" AND THE TITLE OF "SELECTED 100 NATIONAL INTELLIGENT PROJECTS".

GUANGDONG PROVINCIAL ENTERPRISE OF PROMOTING BUSINESS WITH INTEGRITY FOR 12 CONSECUTIVE YEARS (2011-2022).

FOR 15 CONSECUTIVE YEARS (2008-2022), AWARDED THE TITLE OF "GUANGDONG PROVINCE CONTRACT-ABIDING AND CREDIT-WORTHY ENTERPRISE" BY GUANGDONG ADMINISTRATION FOR INDUSTRY AND COMMERCE.

WON THE SHENZHEN CONSTRUCTION BRAND ENTERPRISE GOLD AWARD FOR 15 CONSECUTIVE YEARS (2008-2022).

WON THE LUBAN AWARD IN TERMS OF SHANGHAI PING AN NATIONAL SUPPORT MANAGEMENT CENTER, SHENZHEN STOCK EXCHANGE OPERATION CENTER AND BEIJING CITIC TOWER FROM THE MINISTRY OF CONSTRUCTION.

RECEIVED THE LEED PLATINUM CERTIFICATION FROM THE UNITED STATES (DAMEISHA VANKE CENTER, LENOVO SHENZHEN HOUHAI TOWER, RES. INST. OF TSINGHUA UNIV. IN SHENZHEN). RECEIVED THE LEED GOLD CERTIFICATION FROM THE UNITED STATES (BEIJING CITIC TOWER), AND RECEIVED THE GOLDSMITH AWARD IN TERMS OF THE GUANGZHOU SOUTHERN POWER GRID PRODUCTION BASE.

董事长致辞
MESSAGE FROM THE CEO

本公司早在 2003 年投入巨资于专业“物联网”、“传感网”等创新技术的研发及产品开发，并在该领域取得了业界瞩目，令人骄傲的成果；同时，本公司在国家智慧城市建设系列标准制定及“智慧交通”、“智慧消防”、“智慧公安”等规划设计和工程实施领域起着领军作用。

在未来的发展过程中，公司愿与各界朋友携手合作、共同成长、创造价值、成就员工、回报社会。

智宇实业董事长：刘三明

CEO: Sanming Liu

As early as 2003, IBT invested heavily in the research and development of innovative technologies such as "Internet of Things", "Sensor Network" and its related products. It has made proud achievements in these fields which attracted worldwide attention. At the same time, IBT plays a leading role in a series of national smart city construction standard formulation, planning, design and project implementation such as "smart transportation", "smart fire protection" and "smart public security".

In the future development process, IBT is willing to cooperate with friends from overall the world, grow together, create value, cultivate employees, and return benefits to society.

社会责任

CORPORATE SOCIAL RESPONSIBILITY

诚信守法经营，连续十五年被广东省评为 “守合同重信用企业”。

科学发展，努力盈利，积极纳税，担负着增加税收和国家发展的使命。

响应政府部门号召，积极参与扶贫爱心捐赠。

保护员工的合法权益，依法签订劳动合同，缴纳五险一金。

积极改善员工福利，定期组织员工生日会；节假发放过节费；额外给员工购买商业意外险；每年组织员工体检。

加强女职工保护，女同事享受“三期” 相关待遇。

推进环保技术的开发与普及，积极探索新技术，创造了良好的社会效益，多次在专业领域获得国家最高奖项。

建立基层党支部，组建工会，引导员工参加党组织和工会组织的各项活动。通过党建平台的教育学习，以及规章制度，与供应商签署廉洁公约，积极采取措施反对强取和贿赂等任何形式的腐败行为。

2015 年公司反向并购了湖南国光瓷业集团股份有限公司，解决了湖南株洲醴陵 6000 多国有下岗职工的安置问题，尽到了一定的社会责任。

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Integrity and law-abiding operations which have been rated as "Contract-abiding and Credit-worthy Enterprise" by Guangdong Province for 15 consecutive years.

Scientifically develop, strive to make profits, and actively pay taxes. It is responsible for the mission of increasing taxation and national development.

Responding to the call of government departments and actively participating in poverty alleviation donations.

Protect the legitimate rights and interests of employees, sign labor contracts in accordance with the law, and pay five social insurances and one housing fund.

Actively improve employee benefits, organize employee birthday parties on a regular basis; issue holiday expenses during holidays; purchase additional commercial accident insurance for employees; organize employee physical examinations every year.

Strengthen the protection of female employees, and female colleagues will enjoy the relevant treatment of the "three phases".

Promoting the development and popularization of environmental protection technologies, actively exploring new technologies, creating good social benefits, and winning the country's highest awards in professional fields many times.

Establish grassroots party branches, organize labor unions, and guide employees to participate in various activities organized by the party and labor unions. Through the education and learning of the party building platform, as well as the rules and regulations, we signed an integrity convention with suppliers, and actively took measures to oppose any form of corruption such as coercion and bribery.

In 2015, through reversed merger and acquisition of Hunan Guoguang Porcelain Industry Group Co., Ltd., IB Technologies resolved the settlement of more than 6000 state-owned laid-off workers in Liling, Zhuzhou, Hunan, and fulfilled certain social responsibilities.

公司简介
COMPANY PROFILE

深圳市智宇实业发展有限公司成立于 1997 年，坐落于深圳市南山区粤海街道高新技术产业园区软件园。公司注册资本人民币 8000 万元，是国家级高新技术企业和软件企业，深圳市专精特新企业。

公司是以物联网、计算机集成建造等高新技术为支撑，以互联网 + 智慧城市、智慧园区、智慧交通、智慧医疗、智慧教育、智慧民生、智慧市政、智慧楼宇等应用为着力点的高科技公司。经过二十多年的发展，已成为中国智慧城市、智慧园区、智慧建筑建设的技术领军企业，是智慧城市建设不可或缺的核心力量，是物联网技术在智慧城市、智慧交通、智慧园区应用的开拓者、先行者、实践者，引导着行业技术发展的潮流。

主营业务：智慧建筑、智慧园区、智慧城市的设计、施工与运营服务；建筑节能、轨道交通综合监控、城市应急指挥系统的设计、施工与运营服务；与智慧城市联盟企业一起从事智慧城市的 PPP 服务；提供面向智慧建筑、智慧园区、智慧城市、物联网的解决方案和全过程咨询服务。

公司坚持 “客户为本、质量为纲、效率为先、创新为魂” 的经营理念，以精益求精的设计、过硬的质量、优质的服务获得了客户的赞誉，连续七年荣获深圳市智能化行业金牌企业荣誉。

Shenzhen Intelligent Building Technologies Development Co., Ltd. (IBT or IB Technologies) was established in 1997 and is located in Shenzhen Software Park, Yuehai Sub-District. With a registered capital of 80 million RMB, IBT is a national high-tech enterprise and software enterprise, and a Shenzhen specialized & sophisticated SME.

IBT is a high-tech company supported by high technologies such as the IoT and computer integrated construction, and focuses on applications such as Internet + smart city, smart park, smart transportation, smart medical care, smart education, smart people's livelihood, smart municipal administration, and smart buildings. After more than two decades of development, it has become a technical leader in the construction of smart cities, smart parks, and smart buildings in China. It is an indispensable core force for the smart city construction. It is the pioneer and practitioner of the application of IoT technology in smart cities, smart transportation, and smart parks, leading the trend of industry technology development.

Main business: Design, construction and operation services for smart buildings, smart parks, and smart cities; Design, construction and operation services for building energy conservation, integrated rail transit monitoring, and urban emergency command systems; Work with smart city alliance companies in smart cities PPP services; Provide IoT solutions and whole process consulting services for smart buildings, smart parks and smart cities.

The company adheres to the business philosophy of "customer-oriented, quality-oriented, efficiency first, and innovation as the soul", and has won praise from customers for its design, excellent quality, and high-quality service. It has won the Gold medal corporate honor of Shenzhen Intelligent Industry for 7 consecutive years.

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企业文化
CORPORATE CULTURE

企业理念

客户为本、质量为纲、效率为先、创新为魂

CORPORATE CONCEPT

Customer-oriented

Quality-oriented

Efficiency first

Innovation as the soul

企业愿景

打造成为智慧城市建设、工业互联网领域的领军企业、国际知名企业

CORPORATE VISION

To become a leading enterprise and an internationally renowned enterprise in the field of smart city construction, industrial Internet, and Internet of Things.

企业文化

智周万物 宇量深广

CORPORATE CULTURE

Intelligent buildings across the globe

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荣誉资质

COMPANY QUALIFICATIONS

建筑智能化系统设计专项甲级

建筑业电子与智能化工程专业承包壹级

广东省安全技术防范系统设计、施工、维修资格证（壹级）

安防工程企业设计施工维护能力证书

音视频集成工程企业资质壹级

信息安全服务资质三级（安全运维）

信息安全服务资质三级（安全集成）

信息安全服务资质三级（软件安全开发）

机电工程施工总承包、建筑机电安装工程专业承包、城市及道路照明工程专业承包（三级）

国家高新技术企业证书

软件企业证书

广东省守合同重信用企业（连续十五年）

广东省诚信兴商企业（连续十二年）

安全生产许可证

ISO 9001: 2015 质量管理体系认证证书

ISO 14001: 2015 环境管理体系认证证书

ISO 45001: 2018 职业健康安全管理体系认证证书

ISO 27001: 2013 信息安全管理体系认证证书

AAA 资信等级证书

知识产权管理体系认证证书

信息系统建设和服务能力等级证书

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荣誉资质
COMPANY QUALIFICATIONS

Special Grade A for Building Intelligent System Design

Level 1 for Professional Contracting of Electronic and Intelligent Engineering in Construction Industry

Guangdong Province Safety Technical Defense System Design, Construction, Maintenance Qualification Certificate (Level 1)

Security Engineering Enterprise Design, Construction and Maintenance Ability Certificate

Audio and Video Integration Engineering Enterprise Qualification Level 1

Level 3 Information Security Service Qualification (Safe Operation and Maintenance)

Level 3 Information Security Service Qualification (Safe Integration)

Level 3 Information Security Service Qualification (Safe Software Development)

General Contracting of Mechanical and Electrical Engineering Construction, Professional Contracting of Building Mechanical and Electrical Installation Engineering, Professional Contracting of Urban and Road Lighting Engineering (level 3)

National High-tech Enterprise Certificate

Software Enterprise Certificate

Guangdong Province Contract-abiding and Credit-worthy Enterprise (15 consecutive years)

Guangdong Provincial Enterprise of Promoting Business with Integrity (12 consecutive years)

Safety Production License

ISO 9001: 2015 Quality Management System Certification

ISO 14001: 2015 Environmental Management System Certification

ISO 45001: 2018 Occupational Health and Safety Management System Certification

ISO 27001: 2013 Information Security Management System Certification

AAA Credit Rating Certificate

Intellectual Property Management System Certification

Information System Construction and Service Capability Grade Certificate

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发展历程
DEVELOPMENT PATH

1997

深圳市智宇实业发展有限公司 1997 年 3 月 6 号在深圳市成立

Shenzhen IB Technologies Development Co.,Ltd. Established in Shenzhen, China on March 6, 1997.

2001

承建深圳市中兴通讯股份有限公司楼宇自动化工程，进入智慧建筑领域

In 2001, IBT undertook the building automation project of Shenzhen ZTE Corporation and entered the field of smart buildings.

2002

承建中集集团研发中心弱电系统工程，进入智慧园区领域

In 2002, IBT undertook the construction of the weak current system project of the CIMC R&D Center and entered the field of smart parks.

2003

承建深圳市南山区人民医院（深圳市第六人民医院）

弱电系统工程进入智慧医疗领域

In 2003, IBT undertook the construction of the weak current system project of Shenzhen Nanshan People's Hospital (Shenzhen Sixth People's Hospital) and entered the field of smart medical care.

2004

取得电子与智能化工程专业承包壹级资质

取得建筑智能化系统设计专项甲级资质

In 2004, IBT obtained the first-level qualification for professional contracting of electronic and intelligent engineering, the special first-level qualification for building intelligent system design.

2008

取得了国家高新技术企业认定，业务拓展到智慧建筑、智慧园区、智慧城市

In 2008, IBT was recognized as a national high-tech enterprise, and its business expanded to smart buildings, smart parks, and smart cities.

2015

反向并购及破产重整了退市长达 10 年之久的湖南国光瓷业集团股份有限公司

In 2015, IBT acquired Hunan Guoguang Porcelain Group Co., Ltd., through reverse merger and bankruptcy reorganization, the company which had been delisted for 10 years.

2016

承建北京中信大厦（中国尊）弱电总包项目，打造物联网领域的标杆项目

In 2016, IBT undertook the general contracting project of Beijing CITIC Tower, building a benchmark project in the field of Internet of Things.

2020

解决了原湖南国光瓷业集团股份有限公司 6000 多国有身份下岗职工的安置，1.5 亿职工安置费支付到位

In 2020, IBT settled more than 6000 state-owned laid-off workers from the former Hunan Guoguang Porcelain Group Co., Ltd., and 150 million RMB resettlement fees were paid in place.

2021

湖南国光瓷业集团股份有限公司股票在全国中小企业股份转让系统恢复转让

In 2021, the shares of Hunan Guoguang Porcelain Group Co., Ltd. resumed transfer in the national SME share transfer system.

2022

应邀参加 IFC4.3 BIM 国际标准翻译，转化与修编

In 2022, IBT was invited to participate in the translation, transformation and revision of IFC4.3 BIM international standards.

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主营业务
MAIN BUSINESS

智慧建筑
SMART BUILDINGS

通过将建筑物的结构、系统、服务和管理根据用户的需求进行最优化组合，为用户提供一个高效、舒适、便利的人性化建筑环境。

By optimally combining the structure, system, service and management of the building according to the needs of users, it provides users with an efficient, comfortable and convenient humanized building environment.

物联网与数字孪生
IOT AND DIGITAL TWINS

通过先进的物联网技术，构建综合监控系统与全方位集成联动解决方案。通过领先的数字化技术实现基础设施的数字孪生，帮助用户数字化转型，建立数字资产。

Through advanced Internet of Things technology, build a comprehensive monitoring system and a comprehensive integrated linkage solution. Realize the digital twin of the infrastructure through leading digital technology, help users digitally transform and build digital assets.

数据中心
DATA CENTERS

智宇实业数据机房、监控运营中心解决方案采用三维建模技术和物联网技术，为用户打造高质量、安全可靠的监控运营管理平台。

IBT's data room and monitoring operation center solutions adopt 3D modeling technology and Internet of Things technology to create a high-quality, safe and reliable monitoring operation management platform for users.

智慧园区
SMART PARKS

智慧园区建设方案着力打造以“三化合一”为建设理念的“三位一体”服务体系。”三化合一“包括三维化、智能化和人性化。

The smart park construction plan focuses on creating a "Trinity" service system based on the concept of "Three-in-one". "Three-in-one" Includes "Three-Dimensional", "Intelligent "and "Humanized".

智慧教育
SMART EDUCATION

智慧教育实现“三通两平台”，即宽带网络校校通、优质资源班班通、网络学习空间人人通、教育资源系统集成平台和教育管理系统集成平台。

Smart education realizes the "three links and two platforms", that is, broadband network school-to-school communication, high-quality resource class-to-class communication, and online learning space for everyone, education resource system integration platform and education management system integration platform.

智慧医疗
SMART MEDICAL CARE

智宇实业的智慧医院一体化解决方案以智慧医院信息化和智能化建设为目标，实现医疗、治疗、临床检验、电子病历、健康档案的信息互联互通和医疗信息资源共享。

IBT's smart hospital integration solution aims at the informatization and intelligent construction of smart hospitals, realizing the information interconnection and intercommunication of medical treatment, treatment, clinical examination, electronic medical records, and health files and the sharing of medical information resources.

智慧交通
SMART TRANSPORTATION

智慧交通涵盖范围包括了城市的公路交通、铁路交通、城市轨道交通、机场、口岸、码头等多个交通范畴。

Smart transportation coverage includes urban road transportation, railway transportation, urban rail transportation, airports, ports, terminals and other transportation areas.

智慧城市
SMART CITIES

运用物联网、云计算、大数据、空间地理信息集成等新代信息技术，促进城市规划、建设、管理和服务智慧化的新理念和新模式。

Use new-generation information technologies such as the Internet of Things, cloud computing, big data, and spatial geographic information integration to promote new ideas and new models of urban planning, construction, management and service intelligence.

案例展示
CASE DISPLAY

1 物联网与数字孪生 IOT AND DIGITAL TWINS
2 智慧建筑 SMART BUILDINGS
3 数据中心 DATA CENTERS
4 智慧园区 SMART PARKS
5 智慧交通 SMART TRANSPORTATION
6 智慧医疗 SMART MEDICAL CARE
7 智慧教育 SMART EDUCATION

物联网与数字孪生
IOT AND DIGITAL TWINS

通过物联网技术实现底层 “泛在感知” 的数据融合解决方案。

通过物联网技术与数字化技术的结合，为用户提供高效、低成本的数字孪生解决方案。

Realize the underlying "ubiquitous perception" data fusion solution through IoT technology.

Through the combination of IoT technology and digital technology, it provides users with efficient and low-cost digital twin solutions.

在计算机互联网的基础上，利用 RFID、无线数据通信等技术，构造一个覆盖万物的物联网。在末端设备和设施中，具备 “内在智能” 的传感器、移动终端、工业系统、楼控系统、家庭智能设施、视频监控系统等和 “外在智能” 的，如贴上 RFID 的各种资产、携带无线终端的个人与车辆等 “智能化物件或动物” 或 “智能尘埃” 通过各种无线或有线的长距离或短距离通讯网络实现互联互通、应用大集成、以及基于云计算的 SaaS 营运等模式，在内网、专网、或互联网环境下，采用适当的信息安全保障机制，提供安全可控乃至个性化的实时在线监测、定位追溯、报警联动、调度指挥、预案管理、远程控制、安全防范、远程维保、在线升级、统计报表、决策支持、领导桌面等管理和服务功能，实现对 “万物” 的 “高效、节能、安全、环保” 的 “管、控、营” 一体化。

On the basis of the computer Internet, use RFID, wireless data communication and other technologies to construct an IoT covering everything. In the terminal equipment and facilities, there are "intrinsically intelligent" sensors, mobile terminals, industrial systems, building control systems, home intelligent facilities, video surveillance systems, etc. and "externally intelligent", such as various assets labeled with RFID , "Intelligent objects or animals" or "smart dust" such as individuals and vehicles carrying wireless terminals to achieve interconnection, application integration, and cloud-based SaaS operations through various wireless or wired long-distance or short-distance communication networks operation model. In an intranet, private network, or Internet environment, appropriate information security assurance mechanisms are adopted to provide safe, controllable and even personalized real-time online monitoring, positioning traceability, alarm linkage, dispatching and command, plan management, remote control, security prevention, management and service functions such as remote maintenance, online upgrades, statistical reports, decision support, and leadership desktops to realize the integration of "management, control, and operation" of "high efficiency, energy saving, safety, and environmental protection" of "everything".

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北京中信大厦弱电总包项目

Beijing CITIC Tower Weak Electricity General Contracting Project

项目介绍：

本项目地上总建筑面积 437,000 平方米，项目总高度达 528 米，是北京第一高楼。地面上楼层共计 108 层，地下 8 层（含夹层）。

Project Introduction:

The project has a total construction area of 437,000 square meters above ground and a total height of 528 meters. It is Beijing's tallest building, with a total of 108 floors above ground and 8 floors underground (including mezzanine floors).

荣获奖项：

获 WELL 标准白金认证 /LEED-CS 金级认证 /400 米及以上最佳知识产权管理体系认证证书 / 高层建筑杰出奖、最佳结构工程杰出奖 /BOMA COE 认证 / 北京市优质安装工程奖 /2019-2020 年度建筑长城杯金质奖工程 /2020-2021 年度中国建设工程鲁班奖 (国家优质工程)。

Awards:

Well-standard Platinum Certification/ LEED-CS Gold Certification/Best Intellectual Property Management System Certification of 400m and Above/High-rise Building Outstanding Award, Best Structural Engineering Outstanding Award/BOMA COE Certification/Beijing High-quality Installation Engineering Award/Great Wall Cup Gold Award Project of Construction 2019-2020/Luban Award of China's Construction Engineering 2020-2021 (National High-Quality Project).

项目定位：

高效、安全、绿色节能、现代化综合“智慧” 建筑。

Project Positioning:

Efficient, safe, green and energy-saving, modern comprehensive "smart" building.

项目创新：

以建筑信息模型（BIM+FM）、物联网、大数据与云计算、综合能源管理、数字孪生五大新技术应用，为用户提供全生命的周期解决方案。

Project Innovation:

Taking building information model (BIM+FM), Internet of Things, big data and cloud computing, integrated energy management, and digital twins as the five major new technology applications, we provide customers with full life cycle solutions.

我们创造了世界超高层建筑历史上智慧化系统的多项第一！

是世界上建成的第一座数字孪生建筑！

We have created many firsts of intelligent systems in the history of super high-rise buildings in the world!

It is the first digital twin building built in the world!

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深圳泰伦广场（铁狮门联想深圳总部大楼）

Shenzhen Tailun Plaza (Tishman Speyer Lenovo Shenzhen Headquarters Building)

荣获奖项：

T1塔楼项目荣获美国LEED绿色建筑铂金级认证。

T2塔楼项目荣获美国LEED绿色建筑金级认证。

Awards:

T1 tower project won the LEED platinum certification from the United States.

T2 tower project won the LEED gold certification from the United States.

项目介绍：

位于深圳市南山后海中心区，建筑面积 20.8 万平方米。 总投资金额：90亿元。项目用地性质为商业服务业设施用地 + 文化设施用地 + 道路用地 + 广场用地 + 公共绿地，主要功能涵盖办公、商业、文化设施等。集商务、商业、文化一体的高端城市综合体，将成为联想位于深圳的总部大楼。

Project Introduction:

It is located in the central area of Houhai, Nanshan, Shenzhen, with a construction area of 208,000 square meters. Total investment: 9 billion RMB. The nature of the project land is commercial service facility land + cultural facility land + road land + square land + public green space, and its main functions cover office, commercial, and cultural facilities, etc. A high-end urban complex integrating business, commerce and culture will become Lenovo's headquarters building in Shenzhen.

项目内容：

我司负责承建本项目：

闭路电视监控系统、防盗报警系统、门禁系统、巡更系统、一卡通系统、停车场及引导反向寻车系统、背景音乐、消防紧急广播系统、通讯网络系统、机房工程、物联网、智慧办公、智慧运营，力争将联想泰伦广场打造成世界智慧办公、数字孪生的典范。

Project Content:

IBT is responsible for the construction of this project:

Closed-circuit television monitoring system, anti-theft alarm system, access control system, patrol system, all-in-one card system, parking lot and guided reverse car search system, background music, fire emergency broadcast system, communication network system, computer room engineering, Internet of Things, smart office, smart operation. IBT strives to make Lenovo Tailun Plaza a model of smart office and digital twin in the world.

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华大基因（深圳）中心

BGI Gene (Shenzhen) Center

项目介绍：

华大基因中心项目位于深圳市盐田区，用地面积 10.3 万平方米，总建筑面积约 34.4 万平方米，建筑功能主要为：研发办公 10.8 万平方米，会议展览中心 1.5 万平方米，装配办公楼 2.1 万平方米，宿舍 5.78 万平方米（A 区），其他管理配套用房 0.42 万平方米，地下室 4.9 万平方米，地上停车楼、架空层 8.9 万平方米。

Project Introduction:

The BGI Gene Center project is located in Yantian District, Shenzhen, with a land area of 103,000 square meters and a total construction area of about 344,000 square meters. The main building functions are: R&D office 108,000 square meters, conference and exhibition center 15,000 square meters, and assembly office building 21000 square meters, 57,800 square meters of dormitories (Zone A), 4,200 square meters of other management facilities, 49,000 square meters of basement, 89,000 square meters of ground parking buildings, and overhead floors.

项目内容：

功能分区：研发办公、教育、公寓、食堂、车库、数据机房、展厅、实验、会议。

Project Content:

Functional partition: R&D office, education, apartment, canteen, garage, data room, exhibition hall, experiment, conference.

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中国平安全国后援管理中心

PING AN National Support Management Center

第一代物联网智能化园区 (2006 年），那个时候我们不知道叫物联网！

The first generation of Internet of Things intelligent park (2006), At that time we did not know it was called "Internet of Things".

荣获奖项：

智能建筑工程精选 100 例。

Awards:

Selected 100 Cases of Intelligent Building Engineering.

项目介绍：

中国平安集团全国后援管理中心 2 号楼工程位于浦东新区张江银行卡产业园区，建筑面积 81047 平方米，高 8 层，建筑高度 40.7 米。由 A、B、C 三幢楼相连组成，犹如一座建筑古典园林。

Project Introduction:

The No. 2 building of PING AN Group's National Support Management Center is located in Zhangjiang Bank Card Industrial Park, Pudong New Area, with a building area of 81047 square meters, 8 floors high, and a building height of 40.7 meters. It is composed of three buildings A, B and C which looks like a classical garden.

项目内容：

智能化系统与集团的 OA 系统、人力资源管理、考勤管理、后援指挥等信息化系统融为一体，建设的标准化、模块化的门禁、视频监控系统覆盖全国四十多个办公职场。

Project Content:

The intelligent system is integrated with the group's OA system, human resource management, attendance management, backup command and other information systems, and the standardized and modular access control and video surveillance systems are built to cover more than 40 office and workplaces across the country.

深圳豪威科技大厦

Shenzhen HIVAC Technology Building

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项目介绍：

豪威科技大厦位于深圳市科技园南区，建筑面积约 6 万平方米，是一栋将近 30 层的办公一体化综合体建筑。

项目内容：

采用 SAFTOP 物联网技术，根据办公室的实际办公需要设定不同的场景，通过对办公室内的所有灯具、窗帘和空调等机电设备进行集中控制，通过设置在门口的触摸面板或者班台上的平板型触控主机就能轻松调节灯光亮度、温度高低和窗帘开闭。

豪威科技大厦的物联网系统能够与出入口控制系统、智能照明系统、入侵报警系统、空调、消防联动、一卡通等多个子系统混合组网。实现各个子系统间的互联互通，通过各子系统控制硬件、传感资源能够共享与无缝集成，达到“泛在感知”，实现与其他智能化子系统的底层融合、协同运行。

Project Introduction:

HIVAC Technology Building is located in the southern district of Shenzhen Science & Technology Park, with a construction area of about 60,000 square meters. It is a nearly 30-storey office integrated complex building.

Project Content:

Adopt SAFTOP IoT technology, set different scenes according to the actual office needs of the office, through centralized control of all the lamps, curtains, air conditioners and other electromechanical equipment in the office. Users can easily adjust the brightness, temperature, and curtain opening and closing through the touch panel set at the door or the flat-panel touch host on the desk.

The IoT system of HIVAC Technology Building can be combined with multiple subsystems such as entrance and exit control system, intelligent lighting system, intrusion alarm system, air conditioning, fire protection linkage, and all-in-one card to realize the interconnection and intercommunication between various subsystems. Through the control hardware and sensor resources of each subsystem, it can be shared and seamlessly integrated to achieve “ubiquitous perception” and realize the underlying integration and cooperative operation with other intelligent subsystems.

广州中石油大厦（阳光酒店）

Guangzhou CNPC Tower (Soluxe Hotel)

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世界上第一个旧楼改造的物联网项目。

The world's first IoT project for the renovation of an old building.

荣获奖项：

广东省建设工程优质奖。

Awards:

Guangdong Provincial Construction Engineering Quality Award.

Feature Example:

Office floors operate 8 hours, hotel floors 24 hours intelligent servo, the reality is: the entire building shares 5 chillers, if anyone in the office area forgets to turn off the air conditioner after work, it will waste the energy consumption of the chillers. SAFTOP technology can smartly connect everyone's behavior with air conditioner/lighting/elevator/security which quietly and precisely saves energy.

项目介绍：

广州中国石油大厦是位于天河区黄埔大道中 199 号的一体化综合体建筑。

Project Introduction:

Guangzhou CNPC Tower is an integrated complex building located at No. 199 Huangpu Avenue Central, Tianhe District.

项目内容：

我司负责承建本项目：智能照明终端、空调风机盘管终端、身份识别终端、安防报警终端、视频联动终端、消防报警联动终端、访客系统终端、紧急求助终端，采用了 SAFTOP IoT-LINK 技术及产品，可以做到数据共享、联动随心、精细节能等。

Project Content:

IBT is responsible for the construction of this project: SAFTOP IoT-LINK technology and products are used in smart lighting terminals, air conditioning fan coil terminals, identification terminals, security alarm terminals, video linkage terminals, fire alarm linkage terminals, visitor system terminals, and emergency help terminals. It can achieve data sharing, linkage and energy saving.

特点举例：

办公楼层 8 小时工作，酒店楼层 24 小时智能伺服，现实条件是：整栋大厦共用 5 台冷水机组，如果办公区任何一个人下班忘记关空调，将造成冷水机组能耗的浪费，而 SAFTOP 的技术可以将每个人的行为与空调 / 照明 / 电梯 / 安防随心物联，悄然精细节能。

案例展示
CASE DISPLAY

1 物联网与数字孪生
IOT AND DIGITAL TWINS

2 智慧建筑
SMART BUILDINGS

3 数据中心
DATA CENTERS

4 智慧园区
SMART PARKS

5 智慧交通
SMART TRANSPORTATION

6 智慧医疗
SMART MEDICAL CARE

7 智慧教育
SMART EDUCATION

智慧建筑
SMART BUILDINGS

让建筑真正具有 “智慧”

Make the building truly "smart"

智慧建筑是指通过将建筑物的结构、系统、服务和管理根据用户的需求进行最优化组合，从而为用户提供一个高效、舒适、便利的人性化建筑环境。智慧建筑是集现代科学技术之大成的产物。其技术基础主要由现代建筑技术、现代信息技术和现代控制技术所组成。

智宇实业充分运用三维建模技术(BIM)和物联网、大数据、云平台等最新前沿技术，为用户提供从顶层规划到方案设计、具体实施，直至最终交付运营的一揽子智慧建筑弱电系统解决方案与服务。彻底克服传统集成平台设计繁琐、接口开发难度大、实施周期长、使用维护不易等缺点，通过物联网技术实现底层 " 泛在感知” 的数据融合，通过 BIM+FM 技术实现 “所见即所得” 的三维管理、监控、运营功能。

Smart building refers to the optimal combination of the structure, system, service and management of the building in accordance with the needs of users, so as to provide users with an efficient, comfortable and convenient humanized building environment. Smart buildings are the product of the combined modern science and technology. Its technical foundation is mainly composed of modern construction technology, modern information technology and modern control technology.

IBT makes full use of three-dimensional modeling technology (BIM) and the latest cutting-edge technologies such as the Internet of Things, big data, and cloud platforms to provide users with a package of smart building weak current system solutions from top-level planning to program design, specific implementation, and final delivery and operation and service. It thoroughly overcome the shortcomings of traditional integrated platform design, such as cumbersome design, difficult interface development, long implementation period, difficult use and maintenance, etc., realize the data fusion of underlying "ubiquitous perception" through the Internet of Things technology, and realize "what you see is what you get" through BIM+FM technology with its three-dimensional management, monitoring, and operation functions.

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北京中信大厦

Beijing CITIC Tower

项目介绍：

中信大厦位于北京市朝阳区 CBD 核心区，为中信集团总部大厦。建筑总高 528 米，总建筑面积约 43.7 万平方米，是北京第一高楼。地上 108 层，地下 8 层（含夹层）。

中信大厦集甲级写字楼、会议、商业、观光以及多种配套服务功能与一体，并荣获 “中国当代十大建筑” 奖。在面向全球的国际招标中，我司以融合了 BIM 技术的管控营一体化云平台和物联网底层数据融合的技术解决方案脱颖而出，获得中信集团和专家评委的一致好评，成为弱电智能化系统承建方，负责弱电智能化系统的深化设计、设备采购、系统集成、安装调试、验收交付、培训和运营服务等工作。

项目内容：

我司负责承建本项目：应用云计算、物联网、综合能耗管理、建筑信息模型 (BIM) 等新技术。实现办公管理、空间管理、设施管理、安全管理、设备管理、节能管理、应急管理、商业服务等方面科学化的综合管理与优质服务。建立智慧建筑云平台（一级平台）、集成物业及设施管理（BIM+FM）、建筑设备管理（BMS）、综合安全管理（SMS）、信息设施管理（ITSI）二级管理平台。通过智慧建筑云平台，实现四个二级平台之间互通、数据共享、网络融合、功能协同和控制联动。

荣获奖项：

获得鲁班奖（国家优质工程）。

Project Introduction:

Beijing CITIC Tower is located in the CBD area of Chaoyang District, Beijing, and is the headquarter of the CITIC Group. The total height of the tower is 528 meters, and the total construction area is about 437,000 square meters. It is Beijing's tallest building, with a total of 108 floors above ground and 8 floors underground (including mezzanine floors). Beijing CITIC Tower integrates the functions of Grade A office buildings, conferences, commerce, tourism and various supporting services, and won the "Top Ten Contemporary Chinese Architecture" award. In the international bidding facing the world, our company stood out with the technical solution of integrated cloud platform for management, control and operation integrated with BIM technology and underlying data integration of the Internet of Things, and won unanimous praise from CITIC Group and the expert judges, and became the contractor of the intelligent weak current system. IBT is responsible for the in-depth design, equipment procurement, system integration, installation and commissioning, acceptance and delivery, training and operation services of the weak current intelligent system, etc.

Project Content:

IBT is responsible for the construction of this project: Application of cloud computing, Internet of Things, comprehensive energy management, building information modeling (BIM) and other new technologies. Realize scientific comprehensive management and high-quality services in office management, space management, facility management, safety management, equipment management, energy saving management, emergency management, and commercial services. Establish a smart building cloud platform (first-level platform), integrated property and facility management (BIM+FM), building equipment management (BMS), integrated security management (SMS), information facility management (ITSI) secondary management platform. Through the smart building cloud platform, the intercommunication, data sharing, network integration, functional coordination and control linkage between the four secondary platforms are realized.

Awards:

Luban Award (National High-Quality Project).

清华研究院新大楼项目

New Building Project of RES. INST. OF TSINGHUA UNIV

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荣获奖项：

美国 LEED 绿色建筑预认证最高等级 - 铂金级、美国 IDA 国际设计大奖 - 荣誉奖。

Awards:

US LEED Platinum Certification, US IDA Design Awards-Honorable Mention.

项目介绍：

深圳清华大学研究院新大楼项目项目位于南山区科技园，项目总用地面积 15049 平方米，总建筑面积 177718.66 平方米，总建筑高度 166 米。

Project Introduction:

It is located in Nanshan Science & Technology Park, with a total land area of 15049 square meters and a total building area of 177718.66 square meters, The total building height is 166 meters.

项目内容：

我司负责承建本项目：BIM 物联网平台、视频监控系统、门禁系统、综合布线系统、无线 WIFI 系统、有线电视系统、光纤入户系统、入侵报警系统、车位引导系统、停车场管理系统、电子巡更系统、电梯控制系统、无线对讲系统、信息发布系统、能耗管理系统、建筑设备监控系统、多媒体会议系统。

Project Content:

IBT is responsible for the construction of this project: BIM IoT platform, video monitoring system, access control system, integrated wiring system, wireless WIFI system, cable TV system, optical fiber home entry system, intrusion alarm system, parking space guidance system, parking lot management system, electronic patrol system, elevator control system, wireless intercom system, information release system, energy consumption management system, building equipment monitoring system, multimedia conference system.

深圳证券交易所营运中心

Shenzhen Stock Exchange Operation Center

荣获奖项：

获得鲁班奖（国家优质工程）、优质专业工程奖、优秀合作机构、节能环保示范与低碳贡献奖。

Awards:

Luban Award (National High-Quality Project), High-Quality Professional Engineering Award, Excellent Cooperative Organization, Energy-saving and Environmental Protection Demonstration and Low-Carbon Contribution Award.

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项目介绍：

项目地处福田中心区深南大道与益田路交汇处西北角，占地面积 3.92 万平方米。建筑高度地上部分 245.8 米，共 47 层，其中地上部分约 18 万平方米 (计容积率面积 17.5 万平方米)，框筒结构 (钢结构)；其中，地下部分约 8.4 万平方米，地下三层。地下三层包括：自用办公楼层、出租办公楼层、上市大厅、多功能会议室、电化教室及典藏中心等不同的功能。

该项目运用物联网设计方案，是一座集现代办公、证券交易运行、金融研究、庆典展示、会议培训、会所服务、物业管理等为一体的垂直多功能综合办公大楼。

特点：开放式办公、智能照明。

项目内容：

我司负责承建本项目：综合布线系统、物业计算机网络系统、视频安防监控与入侵系统、出入口控制与访客管理系统、停车场管理系统、有线电视与卫星接收系统、物业对讲信号覆盖系统、信息发布及引导系统、智能照明控制系统、能耗计量管理系统、机房工程系统。

Project Introduction:

The project is located in the northwest corner of the intersection of Shennan Avenue and Yitian Road in Tianzhong District, covering an area of 39,200 square meters. The height of the above-ground part is 245.8 meters, with a total of 47 floors, of which the above-ground part is about 180,000 square meters (the area of floor area ratio is 175,000 square meters), and the frame tube structure (steel structure); of which, the underground part is about 84,000 square meters, and the underground Floor. The three underground floors include: self-use office floors, rental office floors, listing halls, multi-functional meeting rooms, audio-visual classrooms, and collection centers.

The project uses the IoT design scheme, and is a vertical multifunctional comprehensive office building integrating modern office, securities trading operation, financial research, celebration display, conference training, club service, and property management.

Features: Open office, smart lighting.

Project Content:

IBT is responsible for the construction of this project:

1. Integrated wiring system.

2. Property computer network system.

3. Video security monitoring and intrusion system.

4. Access control and visitor management system.

5. Parking lot management system.

6. Cable TV and satellite receiving system.

7. Property Intercom signal coverage system.

8. Information release and guidance system.

9. Intelligent lighting control system.

10. Energy consumption measurement management system.

11. Computer room engineering system, etc.

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南方电网生产科研综合基地

Comprehensive Production and Scientific Research Base of China Southern Power Grid Co., Ltd.

荣获奖项：

荣获市级、省级、国家级各著名奖项大满贯。

广州市优质工程奖；广州市建设工程质量五羊杯奖；广东省建设工程优质奖；广东省建设工程金匠奖；国家优质工程奖！

项目内容：

我司负责承建本项目：建筑设备监控系统、视频安防监控系统、入侵报警系统、出入口控制系统、智能卡应用系统、停车场管理系统、智能照明控制系统、VIP 智能办公室系统、智能化集成系统、机房系统 (含装修）等。

项目工程由 2013 年 12 月 25 日合同签订之日开始布置实施至 2016 年 7 月 29 日。我司项目团队历经 1000 多个日日夜夜的艰苦奋战完成各子系统的建设并陆续移交投入使用。

Project Content:

IBT is responsible for the construction of this project:

1. Building equipment monitoring system.
2. Video security monitoring system.
3. Intrusion alarm system.
4. Entry and exit control system.
5. Smart card application system.
6. Parking lot management system.
7. Intelligent lighting control system.
8. VIP intelligence Office system.
9. Intelligent integrated system.
10. Computer room system (including decoration).

The project construction started from the date of signing the contract on December 25, 2013 to July 29, 2016. Our project team has gone through more than 1,000 days and nights of hard work to complete the construction of each subsystem and successively hand over them to use.

Awards:

Won the Grand Slam of various famous awards at the municipal, provincial and national levels.

Guangzhou Quality Engineering Award, Guangzhou Construction Engineering Quality Wuyang Cup Award, Guangdong Construction Engineering Quality Award, Guangdong Construction Engineering Goldsmith Award, National Quality Engineering Award!

中国移动深圳信息大厦

China Mobile Shenzhen Information Tower

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项目介绍：

项目的建设地点、规模：位于深圳市中心区市民广场东片区，深南大道与金田路交汇处东北角，中心区 26-3-2 号地块。本项目建筑总面积约为 103,174.71 平方米，其中地上建筑约 80,000 平方米（计容积率）、地下建筑约 20,000 平方米，总建筑高度约为 180 米，层数：36 层（主楼）、12 层（附楼）。

Project Introduction:

Construction site and scale of the project: Located in the east area of Civic Square in the central area of Shenzhen, at the northeast corner of the intersection of Shennan Avenue and Jintian Road, in the central area, Plot 26-3-2. The total construction area of this project is about 103,174.71 square meters, of which about 80,000 square meters for above-ground buildings (calculated as floor area ratio), about 20,000 square meters for underground buildings, and a total building height of about 180 meters. Number of floors: 36 floors (main building), 12 floors (Annex Building).

项目内容：

我司负责承建本项目：综合布线系统、有线电视及卫星电视接收系统、时钟同步系统、楼宇设备监控系统、电力监控系统、能源管理系统、智能办公系统、公共安全系统、智能化集成系统、智能照明系统、电梯控制系统、机房工程系统等。

Project Content:

IBT is responsible for the construction of this project:

1. Integrated wiring system.
2. Cable TV and satellite TV receiving system.
3. Clock synchronization system.
4. Building equipment monitoring system.
5. Power monitoring system.
6. Energy management system.
7. Intelligent office system.
8. Public Security system.
9. Intelligent integrated system.
10. Intelligent lighting system.
11. Elevator control system.
12. Computer room engineering system, etc.

上海平安保险金融中心

Shanghai PING AN Insurance Financial Center

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荣获奖项：

国家优质工程奖，金鹏奖。

Awards:

National Quality Engineering Award, Suparna Award.

项目内容：

我司负责承建本项目：综合布线系统、背景音乐及紧急广播系统、卫星及有线电视系统、程控电话交换机系统、楼宇设备自控系统、大楼智能管理平台系统、智能照明系统、触摸屏与公共显示系统等。

Project Content:

IBT is responsible for the construction of this project:

Integrated wiring system, background music and emergency broadcasting system, satellite and cable television system, program-controlled telephone exchange system, building equipment automatic control system, building intelligent management platform system, intelligent lighting system, touch screen and public display system, etc.

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大梅沙万科中心

Shenzhen Dameisha Vanke Center

荣获奖项：

我司最早的物联网落地项目，中国绿色建筑典范工程。深圳市第一批建筑节能及绿色建筑示范项目。获得美国LEED 铂金认证；2010 年深圳市优质专业工程奖；运用无吊顶照明设计方案。

Awards:

IBT's earliest IoT landing project, China's green building model project. The first batch of building energy conservation and green building demonstration projects in Shenzhen. Obtained the American LEED platinum certification; the 2010 Shenzhen Quality Professional Engineering Award; the use of non-ceiling lighting design scheme.

项目内容：

我司负责承建本项目：建筑设备集成管理系统、楼宇自控系统、智能照明系统、综合布线系统、公共广播系统、信息引导系统、机房工程、安全防范系统、数字会议及同声传译系统等。

Project Content:

IBT is responsible for the construction of this project:

1. Building equipment integrated management system.
2. Building automatic control system.
3. Intelligent lighting system.
4. Integrated wiring system.
5. Public address system.
6. Information guidance system.
7. Computer room engineering.
8. Security protection system.
9. Digital conference and simultaneous interpretation system, etc.

深圳市城市数字资源中心

Shenzhen City Digital Resource Center

项目介绍：

本项目建设地点位于福田中心区彩田路以西，南与市民中心隔道相邻，北与中心书城相连。原建筑物为按公交站场设计规范建设的建筑，本项目改造建筑面积 7.5 千平方米，改造后建筑面积为 1.3 万平方米；配套建设建筑智能化、电力、给排水、通风空调、消防、防雷等工程。

项目内容：

我司负责承建本项目：电力、给排水、通风空调、消防、防雷等工程。

Project Introduction:

The construction site of this project is located to the west of Caitian Road, Futian Central District, adjacent to the Civic Center in the south and Central Book City in the north. The original building was constructed according to the design specifications of the bus station. The reconstructed construction area of this project is 75,000 square meters, and the reconstructed construction area is 13,000 square meters; supporting construction of intelligent buildings, electricity, water supply and drainage, ventilation and air conditioning, fire protection, lightning protection and other projects.

Project Content:

IBT is responsible for the construction of this project: Electric power, water supply and drainage, ventilation and air conditioning, fire protection, lightning protection and other projects.

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前海恒昌科技大厦

Qianhai Hengchang Technology Building

项目介绍：

位于深圳市南山区前海自贸区，建筑面积为 19.97 万平方米，总投资金额：24.86 亿元。

项目内容：

我司负责承建本项目：智慧建筑数字基座及设备设施运维云平台、综合布线系统、计算机网络系统（智能化专网）、WIFI 无线网络覆盖系统、信息引导及发布系统、背景音乐及广播系统、视频监控系统、门禁、通道访客管理系统、视频车位引导系统、车牌识别停车系统、室内定位导航与智能电子巡更系统、无线对讲系统、电梯五方通话系统、BA 楼宇自控系统、智能照明系统、能量计量及能耗管理系统、机房动环系统、机房工程、梯控系统等。

Project Introduction:

It is located in Qianhai Free Trade Zone, Nanshan District, Shenzhen, with a building area of 197700 square meters and a total investment of 2.486 billion RMB.

Project Content:

IBT is responsible for the construction of this project: Smart building "Digital Base", equipment and facilities operation and maintenance cloud platform, integrated wiring system, computer network system (intelligent private network), WIFI wireless network coverage system, information guidance and release system, background music and broadcast system, video monitoring system, access control, channel visitor management system, video parking space guidance system, license plate recognition parking system, indoor positioning navigation and intelligent electronic patrol system, wireless intercom system, elevator five-party communication system, BA building automation system, intelligent lighting system, energy metering and energy consumption management system, computer room dynamic loop system, computer room engineering, elevator control system, etc.

深圳市前海投控大厦

Shenzhen Qianhai Investment Holding Tower

项目内容：

我司负责承建本项目：计算机网络系统、综合布线系统、背景音乐系统（与消防广播合用）、智能照明控制系统、能耗管理系统、建筑设备监控系统、视频监控系统，停车场门禁系统等。

Project Content:

IBT is responsible for the construction of this project: Computer network system, integrated wiring system, background music system (combined with fire broadcasting), intelligent lighting control system, energy consumption monitoring system, building equipment monitoring system, video monitoring system, parking lot access control system, etc.

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中集国际集装箱海运集团研发大楼

CIMC International Container Shipping Group R&D Building

荣获奖项：

深圳市 2004 年度优质专业工程奖、2005 年度全国百项智能建筑经典项目、优质专业工程奖。

Awards:

Shenzhen 2004 High Quality Professional Engineering Award, 2005 National Hundred Intelligent Building Classic Projects, High Quality Professional Engineering Award.

项目内容：

我司负责承建本项目：综合布线、楼宇控制、CCTV 闭路监控、计算机网络、背景音乐系统、会议表决及同声传译系统、门禁等一卡通系统、统一信息管理系统等。

Project Content:

IBT is responsible for the construction of this project: Integrated wiring, building control, CCTV closed circuit monitoring, computer network, background music system, conference voting and simultaneous interpretation system, access control and other all-in-one card systems, unified information management system, etc.

江苏大厦（深圳）

Jiangsu Tower (Shenzhen)

荣获奖项：

优质专业工程奖。

Awards:

Quality Professional Engineering Award.

项目内容：

我司负责承建本项目: 英国 BICC 集团的 BRAND-REX 综合布线系统、美国 ANDOVER 公司的 CONTINUUM 楼宇自控系统、日本 TOA 公共广播系统、美国 EDWROS 公司的消防自动报警联动控制系统、美国 PELCO 公司的保安监控系统及安居宝可视对讲系统、四川九州公司的有线电视广播系统。

Project Content:

IBT is responsible for the construction of this project: The BRAND-REX integrated wiring system of the British BICC Group, the CONTINUUM building automatic control system of the American ANDOVER, the Japanese TOA public address system, the American EDWROS automatic fire alarm linkage control system, the American PELCO security monitoring system and Anju Baoke Video intercom system, Sichuan Jiuzhou cable television broadcasting system, etc.

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仁恒滨海中心（A 标段）

Yanlord Marina Center (A bid section)

荣获奖项：

广东省优良样板示范工程、 全国绿色建筑创新奖。

Awards:

Guangdong Province Excellent Model Demonstration Project, National Green Building Innovation Award.

项目内容：

酒店部分我司负责承建本项目：综合布线系统、计算机网路系统、视频监控系统、紧急报警系统、门禁系统、巡更系统、信息发布系统、能耗计量系统、无线对讲系统、机房系统、综合布线管槽、卫星及有线电视系统、楼宇自控系统、客房控制系统、背景音乐系统停车场管理系统、程控交换机系统、梯控系统和客梯刷卡系统的网络连接等的联动调试验收工作。

写字楼部分我司负责承建本项目：综合布线系统、计算机网路系统、视频监控系统、紧急报警系统、门禁系统、巡更系统、能耗计量系统、无线对讲系统、机房系统、综合布线管槽、停车场管理系统、楼宇自控系统、梯控系统的网络连接等的联动调试验收工作。

Project Content:

Hotel part: Integrated wiring system, computer network system, video monitoring system, emergency alarm system, access control system, patrol system, information release system, energy consumption measurement system, wireless intercom system, computer room system, integrated wiring duct, satellite and cable TV system, building automatic control system, guest room control system, background music system, parking lot management system, program-controlled switchboard system, elevator control system and the network connection of the passenger elevator card swiping system, etc.

Office building: Integrated wiring system, computer network system, video monitoring system, emergency alarm system, access control system, patrol system, energy consumption measurement system, wireless intercom system, computer room system, integrated wiring duct, parking lot management system, Linkage adjustment and acceptance of building automation system and ladder control system network connection.

深圳市免税商务大厦

Shenzhen Duty Free Business Building

Awards:

Provincial Excellent Model Project, Golden Bull Award, Quality Professional Project Award.

项目内容：

我司负责承建本项目：建筑设备监控系统（BAS）、综合安保系统（SAS）、控制中心机房工程、一卡通应用系统、多媒体会议系统、系统集成（BMS）、综合计费系统、综合布线系统、公共厂播系统等。

荣获奖项：

省优秀样板工程、金牛奖、优质专业工程奖。

Project Content:

IBT is responsible for the construction of this project:

1. Building equipment monitoring system (BAS).
2. Comprehensive security system (SAS).
3. Control center computer room project.
4. All-in-one card application system.
5. Multimedia conference system.
6. System integration (BMS).
7. Integrated billing system.
8. Integrated wiring system.
9. Public factory broadcasting system, etc.

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中国人民银行深圳市中心支行

The People's Bank of China Shenzhen Central Sub-branch

Project Introduction:

The People's Bank of China Shenzhen Central Sub-branch is a branch directly under the People's Bank of China in Shenzhen (at the department level) and has the Shenzhen Branch of the State Administration of Foreign Exchange. Responsible for the implementation of monetary policy, maintaining financial stability, promoting financial reform and innovation, organizing payment and clearing, combating money laundering activities, currency issuance, managing treasury, financial statistics, credit management, gold market and other important financial management responsibilities, and organizing guidance foreign exchange management in the jurisdiction.

项目介绍：

中国人民银行深圳市中心支行是中国人民银行在深圳的直属分支机构（正厅级），内设国家外汇管理局深圳市分局。承担着深圳辖区贯彻执行货币政策、维护金融稳定、推动金融改革创新、组织支付清算、打击洗钱活动以及货币发行、经理国库、金融统计、征信管理、黄金市场等重要金融管理职责，并组织指导辖区的外汇管理工作。

项目内容：

我司负责承建本项目：闭路电视监控系统、门禁系统、紧急报警、自动抄表系统、停车场系统、消费系统、信息发布系统、有线电视系统、背景音乐及消防广播系统、楼宇自控系统、智能照明系统、系统集成、电力监控、机房工程等。

Project Content:

IBT is responsible for the construction of this project: Closed-circuit television monitoring system, access control system, emergency alarm, automatic meter reading system, parking lot system, consumer system, information release system, cable television system, background music and fire-fighting broadcasting system, building automation system, intelligent lighting system, system integration, power monitoring, computer room engineering, etc.

汕头市公安局

Shantou Public Security Bureau

Project Introduction:

The Shantou Municipal Public Security Bureau is a functional department under the Shantou Municipal People's Government in charge of the city's public security work, under the dual leadership of the Municipal Government and the Guangdong Provincial Public Security Department. Each county (county-level city) and district set up a public security bureau (branch), and set up police stations in towns, townships, and sub-districts; the public security branches and police stations accept the leadership of the people's government at the same level and the higher-level public security organs.

项目介绍：

汕头市公安局是汕头市人民政府下设主管全市公安工作的职能部门，受市政府、广东省公安厅双重领导。各县（县级市）区设公安局（分局），在镇、乡、街道设派出所；公安分局与派出所分别接受同级人民政府和上级公安机关领导。

项目内容：

我司负责承建本项目：综合布线系统（已完成主楼室内布线管道预埋）、有线电视系统、计算机网络与网络安全系统、安全防范系统（包括闭路电视监控系统、防盗报警系统、门禁系统、车辆出入管理系统）、“一卡通”应用系统、公众信息发布系统、智能排队叫号系统、楼宇自控与设备管理系统、程控交换机系统、UPS 供电系统、机房工程等。

Project Content:

IBT is responsible for the construction of this project: Integrated wiring system (the main building indoor wiring pipeline has been embedded), cable television system, computer network and network security system, security system (including closed-circuit television monitoring system, anti-theft alarm system, access control system, vehicle access management system), "All-in-one card" application system, public information release system, intelligent queuing system, building automation and equipment management system, program-controlled exchange system, UPS power supply system, computer room engineering, etc.

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遵义希尔顿逸林酒店

Intelligent Weak Current System Project of DoubleTree by Hilton Hotel in Zunyi

Project Introduction:

DoubleTree by Hilton Hotel Zunyi, also called Zunyi Xin Cheng Hotel, is located at the intersection of Xinpu Avenue and Changzheng Avenue. It has a total construction area of 86,000 square meters and a total investment of 700 million RMB. In addition to 320 rooms of various types, the banquet hall, Chinese and Western restaurants, lobby bars, executive lounges, business centers, gyms, beauty salons and other modern service facilities are all integrated into it. It is a five-star conference business hotel integrating guest rooms, catering, conferences and entertainment.

项目介绍：

遵义希尔顿逸林酒店，也叫遵义新城大酒店，位于新蒲大道与长征大道交汇处，总建筑面积 8.6 万平方米，总投资为 7 亿元，除了拥有 320 间各类客房外，宴会厅、中西餐厅、大堂吧、行政酒廊、商务中心、健身房、美容美发等现代服务设施也全部融入其中，是集客房、餐饮、会议、娱乐于一体的五星级会议商务型酒店。

项目内容：

我司负责承建本项目：综合布线、网络系统、安防系统、停车场系统、会议数字系统、背景音乐系统、楼宇控制系统、卫星有线电视系统、楼宇集成系统等。

Project Content:

IBT is responsible for the construction of this project: Integrated wiring, network system, security system, parking system, conference digital system, background music system, building control system, satellite cable TV system, building integrated system, etc.

案例展示
CASE DISPLAY

1 物联网与数字孪生 IOT AND DIGITAL TWINS
2 智慧建筑 SMART BUILDINGS
3 数据中心 DATA CENTERS
4 智慧园区 SMART PARKS
5 智慧交通 SMART TRANSPORTATION
6 智慧医疗 SMART MEDICAL CARE
7 智慧教育 SMART EDUCATION

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数据中心
DATA CENTERS

打造绿色数据机房、监控运营中心

Build a green data room and monitoring operation center

智宇实业数据机房、监控运营中心解决方案采用三维建模技术和物联网技术，为用户打造高质量、安全可靠的监控运营管理平台。

通过物联网设计方案，从底层实现了机房动力系统（包括供配电、不间断电源备用柴油发电等）、环境系统（包括精密恒温恒湿空调、漏水检测、温湿度检测、消防、照明等）、安保系统（闭路监控、门禁、防盗报警、入侵检测等）、综合布线系统（电力母排与电缆、通信电缆与光缆、电子配线架等）的底层数据融合与灵活控制联动，通过基于 BIM 技术的监控、管理、运营一体化平台，结合大屏幕系统、拼接墙系统和人机交互终端，实现对数据机房、监控运营中心的全方位立体可视化监控、管理和运营、维护。智宇实业“数据机房、监控运营中心“解决方案提供从规划、设计、实施、移交到运营维保全方位解决方案。

根据业主建设规模、分期建设等方面需求，我司可提供统一建设规划和全部分期建设方案，不仅可以充分满足当前机房、中心的使用要求，还可以为未来扩展、扩容提供足够的功能预留。

IBT's data room and monitoring operation center solutions adopt 3D modeling technology and Internet of Things technology to create a high-quality, safe and reliable monitoring operation management platform for users.

Through the Internet of Things design scheme, the engine room power system (including power supply and distribution, uninterrupted power supply, standby diesel power generation, etc.) and environmental systems (including precision constant temperature and humidity air conditioning, water leakage detection, temperature and humidity detection, fire protection, lighting, etc.) are realized from the bottom), security systems (closed circuit monitoring, access control, anti-theft alarm, intrusion detection, etc.), integrated wiring systems (power busbars and cables, communication cables and optical cables, electronic distribution frames, etc.) underlying data fusion and flexible control linkage, through The integrated platform of monitoring, management and operation of BIM technology, combined with large screen system, splicing wall system and human-computer interaction terminal, realizes all-round and three-dimensional visual monitoring, management, operation and maintenance of data room and monitoring operation center. IBT's "data room, monitoring and operation center" solution provides a comprehensive solution from planning, design, implementation, handover to operation and maintenance.

According to the needs of the owner's construction scale and phased construction, our company can provide a unified construction plan and a full-phase construction plan, which can not only fully meet the current requirements of the computer room and center, but also provide sufficient function reservations for future expansion.

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中海油大厦（深圳）通信网络建设项目数据中心

CNOOC Tower (Shenzhen) Communication Network Construction Project Data Center

荣获奖项：

生态环保、高品质、地标性国际 A 级写字楼宇。

Awards:

Eco-friendly, high-quality, landmark international A-level office building.

项目介绍：

中国海油深圳新大厦 (中海油南方总部大厦) 位于南山区后海滨路与创业路交汇处东南，占地 T107-0008，用地面积 12712.51 平方米，总建筑面积约 20 万平方米。

Project Introduction:

The new building of CNOOC Shenzhen (CNOOC South Headquarters Building) is located in the southeast of the intersection of Houhaibin Road and Chuangye Road, Nanshan District, on parcel T107-0008, with a land area of 12712.51 square meters and a total construction area of about 200,000 square meters.

项目内容：

我司负责承建本项目：数据中心装修、UPS 系统、空调系统、早期烟雾探测报警系统、智能工程（综合布线系统、视频安防监控系统、出入口控制系统、数据中心动力监控、监控 LED 大屏幕系统、弱电配电）配电系统及照明工程等。

Project Content:

IBT is responsible for the construction of this project: Data center decoration, UPS system, air conditioning system, early smoke detection and alarm system, intelligent engineering (integrated wiring system, video security monitoring system, entrance and exit control system, data center power monitoring, monitoring LED large screen system, weak current power distribution) power distribution system and lighting engineering, etc.

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中广核大厦数据中心

Data Center of CGN Tower

项目介绍：

中广核大厦是中国广核集团建设的综合性办公大楼，项目占地面积 10135.29 平方米，总建筑面积 158830 平方米，计容积率建筑面积 131700 平方米，其中商业面积 5000 平方米，公益性展厅面积 3000 平方米，办公面积 123700 平方米，容积率≤ 13，覆盖率≤ 6070，共两栋 24 层至 39 层高的办公楼，建筑高度约 177 米。

项目内容：

我司负责承建本项目：数据中心特种装修、数据中心供配电、数据中心暖通、数据中心综合布线及机柜系统、数据中心综合安防系统、数据中心动力环境监控系统。

Project Introduction:

The CGN Tower is a comprehensive office building constructed by China General Nuclear Power Group. The project covers an area of 10,135.29 square meters, with a total construction area of 158,830 square meters, and a floor area ratio of 131,700 square meters, including a commercial area of 5,000 square meters. The exhibition hall area is 3,000 square meters, the office area is 123,700 square meters, the floor area ratio is ≤13, and the coverage ratio is ≤6070. There are two office buildings from 24 to 39 floors with a building height of about 177 meters.

Project Content:

IBT is responsible for the construction of this project: Data Center special decoration, data center power supply and distribution, data center HVAC, data center integrated wiring and cabinet system, data center integrated security system, data center power environment monitoring system, etc.

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中兴通讯（河源）研发基地数据中心

Data Center of ZTE (Heyuan) R&D Base

项目介绍：

中兴通讯 (河源) 研发生产培训基地是广东河源发挥自身区位优势和资源优势，招商选资，推动产业转型升级的“航母” 项目。中兴河源项目总投资 100 亿元，研发生产 4G、智能终端等产品，并为物联网、云计算等前沿关键领域提供产业化支撑，旨在建成中兴通讯国内唯一的集研发、生产、培训于一体的综合性科研产业化基地。

项目内容：

本项目主要是对数据中心进行详细的设计，包括方案设计、初步设计、施工图设计、后期设计配合等阶段内容，设计成果需达到施工图设计深度要求，满足后期项目招标与施工的要求。方案设计、初步设计、施工图设计工作包括建筑平面（包括建筑平面布局和装修系统等）、供配电系统、暖通系统（包括新风系统、排风 (烟) 系统、空调系统、气流组织、供回水管路等）、智能化系统（包括安全防范系统、机房动力环境监控系统、综合布线系统等）、消防及给排水系统等子系统，在后期设计配合阶段主要工作是进行设计交底、图纸会审、图纸变更、协调施工过程中与设计相关的技术问题等。

Project Introduction:

The R&D and production training base of ZTE Corporation (Heyuan) is an “aircraft carrier” project for Guangdong Heyuan to utilize its location and resource advantages, attract investment and capital, and promote industrial transformation and upgrading. The ZTE Heyuan project has a total investment of 10 billion yuan to develop and produce 4G, smart terminals and other products, and provide industrial support for key frontier areas such as the Internet of Things and cloud computing, aiming to to build ZTE’s only comprehensive scientific research industrialization base integrating R&D, production, and training in China.

Project Content:

This project is mainly for the detailed design of the data center, including schematic design, preliminary design, construction drawing design, and post-design coordination. The design results must meet the depth of construction drawing design requirements and meet the requirements of later project bidding and construction. Schematic design, preliminary design, construction drawing design work includes building plan (including building plan layout and decoration system, etc.), power supply and distribution system, HVAC system (including fresh air system, exhaust (smoke) system, air conditioning system, air flow organization, Water supply and return pipelines, etc.), intelligent systems (including safety and protection systems, engine room power environment monitoring systems, integrated wiring systems, etc.), fire protection and water supply and drainage systems, etc. The main work in the later stage of design coordination is to conduct design presentations and drawings Meeting review, drawing changes, coordination of technical issues related to design in the construction process, etc.

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华为（廊坊）云数据中心

Huawei (Langfang) Cloud Data Center

项目介绍：

华为廊坊数据中心建筑面积 54000 平方米，地上建筑 2 层，其中 1 层 9 米，设置冷冻站、电力设施支撑区、展厅、大厅、开闭站等区域；2 层 6 米，部署 53U 8KW 机柜及控制中心、办公室、库房等。

Project Introduction:

Huawei Langfang Data Center has a building area of 54,000 square meters, with two floors above ground, of which the first floor is 9 meters, with refrigeration stations, power facility support areas, exhibition halls, halls, opening and closing stations, etc.; the second floor is 6 meters, with 53U 8KW cabinets and control center, office, warehouse, etc.

项目内容：

我司负责承建本项目：门禁监控系统、视频监控系统、生产性布线系统、计算机网络系统及无线 WIFI、动环系统、BA 系统、智能照明系统、电力监控系统、控制中心机房工程等。

Project Content:

IBT is responsible for the construction of this project: Access control monitoring system, video monitoring system, productive wiring system, computer network system and wireless WIFI, dynamic loop system, BA system, intelligent lighting system, power monitoring system, control center computer room engineering, etc.

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华润春笋总部大厦数据中心

Data Center of China Resources Tower

项目介绍：

华润深圳湾综合发展项目位于后海中心区核心位置，科苑大道东侧，海德三道南侧，用地面积 8.57 万平方米，建筑面积 76 万平方米。该项目以华润集团总部大厦“春笋”为核心，以及华润万家总部大楼、精华升级版高端商业“万象汇”、白金六星级酒店、高品质商务公寓及高端住宅等组成。

Project Introduction:

The Shenzhen Bay Comprehensive Development Project of China Resources is located in the core of Houhai Central Area, east of Keyuan Avenue and south of Haide Third Road. It has a land area of 85,700 square meters and a building area of 760,000 square meters. The project is centered on the “Chunsun” headquarter building of China Resources Group, as well as the headquarter building of China Resources Vanguard, the upgraded high-end commercial “THE MIXC”, a platinum six-star hotel, high-quality commercial apartments and high-end residential buildings.

项目内容：

我司负责承建本项目：数据中心装修系统、数据中心照明及供电系统、数据中心模块化设备系统、数据中心接地系统、数据中心综合布线系统等。

Project Content:

IBT is responsible for the construction of this project: Data Center decoration system, data center lighting and power supply system, data center modular equipment system, data center grounding system, etc.

案例展示
CASE DISPLAY

1 物联网与数字孪生 IOT AND DIGITAL TWINS
2 智慧建筑 SMART BUILDINGS
3 数据中心 DATA CENTERS
4 智慧园区 SMART PARKS
5 智慧交通 SMART TRANSPORTATION
6 智慧医疗 SMART MEDICAL CARE
7 智慧教育 SMART EDUCATION

智慧园区
SMART PARKS

以 “三化合一” 为建设理念

With the construction concept of "Three-in-one"

智宇实业智慧园区建设方案着力打造以“三化合一”为建设理念的“三位一体” 服务体系。“三化合一”包括三维化、智能化和人性化，三维化是指：通过 GIS ＼ BIM、虚拟仿真技术，对园区建筑、植被、市政设施、企业设施、地下管线等实现三维实景监控，真实还原园区整体环境；智能化是指：以三维场景为依托，以三维智慧园区平台为核心，利用物联网实现各智能化设施的融合，实现人与物的和谐，实现园区智能化管理；人性化是指：所有方案设计与功能实施都围绕一个目标——为园区企业、员工、访客、物业提供方便快捷、高效、安全的办公环境、营商环境。

IBT's smart park construction plan focuses on creating a "Trinity" service system based on the concept of "Three-in-one". "Three-in-one" includes "Three-dimensional", "Intelligent" and "Humanized". "Three-dimensional" refers to the realization of three-dimensional real-world monitoring of the park buildings, vegetation, municipal facilities, corporate facilities, underground pipelines, etc. through GIS\BIM and virtual simulation technology to truly restore the overall environment of the park; "Intelligent" refers to: relying on the three-dimensional scene, taking the three-dimensional smart park platform as the core, using the Internet of Things to achieve the integration of various intelligent facilities, achieving harmony between people and things, and achieving intelligent management of the park; "Humanized" means: all the design and function implementation of the plan are centered on a goal to provide a convenient, efficient, and safe office environment and business environment for the park enterprises, employees, visitors, and properties.

深圳地铁（前海时代）

Shenzhen Metro (Qianhai Times)

项目内容：

深圳地铁 (前海时代) 弱电智能化项目包括：紧急报警系统、周界报警系统、BA 系统、背景音乐系统、电梯控制、多方通话系统、多媒体会议系统、互动指南系统、会议预定系统、机房工程系统、计算机网络系统、可视对讲系统、离线巡更系统、门禁管理系统、视频车位引导系统、视频监控系统、室外管网、手机充电系统、停车场系统、无线对讲系统、信息发布系统、一卡通管理系统、智能化系统集成、综合布线系统等。

Project Content:

Shenzhen Metro (Qianhai Times) weak current intelligent project includes: emergency alarm system, perimeter alarm system, BA system, background music system, elevator control, multi-party call system, multimedia conference system, interactive guide system, conference reservation system, computer room engineering system, computer network system, visual Intercom system, offline patrol system, access control management system, video parking guidance system, video monitoring system, outdoor pipe network, mobile phone charging system, parking system, wireless intercom system, information release system, all-in-one card management system, intelligent system integration, integrated wiring system, etc.

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OPPO（重庆）智能生态科技园

OPPO (Chongqing) Intelligent Ecological Science & Technology Park

项目内容：

楼宇设备综合管理系统，能源管理系统，冷热源计量管理系统，视频安防监控系统，出入口控制系统，无线对讲系统，周界防范及报警系统，停车场管理系统，智能访客系统，综合布线系统，计算机网络与无线局域网系统，云桌面办公系统，公位预约共享系统，信息发布及引导系统，智能迎宾系统，背景音乐系统，声音干扰屏蔽系统，机房工程，IDC，数据中心，智慧园区管理平台等。

Project Content:

IBT is responsible for the construction of this project: Building equipment integrated management system, energy management system, cold and heat source metering management system, video security monitoring system, entrance and exit control system, wireless intercom system, perimeter prevention and alarm system, parking lot management system, intelligent visitor system, integrated wiring system, computer network and wireless local area network system, cloud desktop office system, public appointment sharing system, information release and guidance system, intelligent welcome system, background music system, sound interference shielding system, computer room engineering, IDC, data center, smart park management platform, etc.

中国平安全国后援管理中心

PING AN National Support Management Center

荣获奖项：

获得鲁班奖（国家优质工程）；运用物联网设计方案。

项目内容：

我司负责承建本项目：建筑设备监控系统、防盗报警系统、数字网络视频安防监控系统、门禁、停车场、考勤、出入口登记等智能一卡通系统、智能照明系统、背景音乐及紧急广播系统、有线电视及卫星电视系统以及以上智能化系统的管控一体化平台等。

Awards:

Luban Award (national high-quality project); The use of Internet of Things design scheme.

Project Content:

IBT is responsible for the construction of this project: Building equipment monitoring system, anti-theft alarm system, digital network video security monitoring system, access control, parking lot, attendance, entrance and exit registration and other intelligent all-in-one card systems, intelligent lighting system, background music and emergency broadcasting system, cable Integrated platform for management and control of TV and satellite TV systems and the above intelligent systems, etc.

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珠海国际机器人产业园区

Zhuhai International Robot Industrial Park

项目内容：

我司负责承建本项目：园区网络系统、综合布线系统、综合安防系统、统一认证管理系统、信息发布系统、停车场管理系统、能源计算及管理系统、智能照明系统、楼宇自控系统、机房工程等。

新一代物联网智慧园区 (2018 年进行中) BIM 全专业建模、协同智慧园区建筑全生命周期。

Project Content:

IBT is responsible for the construction of this project: Park network system, integrated wiring system, integrated security system, unified certification management system, information release system, parking lot management system, energy calculation and management system, intelligent lighting system, building automation system, computer room engineering, etc.

The new generation of IoT smart parks (in progress 2018), BIM full professional modeling, collaborative smart park full life cycle.

腾讯公司（广州） TIT 创意园

Tencent (Guangzhou) TIT Creative Industry Zone

项目内容：

我司负责承建本项目：综合布线系统、门禁安防系统、信息发布系统、机房工程等。

Project Content:

IBT is responsible for the construction of this project: Integrated wiring system, access control security system, information release system, computer room engineering, etc.

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深圳报业集团龙华印务中心

Shenzhen Press Group Longhua Printing Center

项目内容：

我司负责承建本项目：综合布线系统、计算机网络系统、楼宇自控系统、安全防范系统、停车场管理系统、有线电视系统、卫星电视系统、多媒体数字会议系统、机房工程、智能照明系统等。

Project Content:

IBT is responsible for the construction of this project: Integrated wiring system, computer network system, building automatic control system, security system, parking lot management system, cable TV system, satellite TV system, multimedia digital conference system, computer room engineering, intelligent lighting system, etc.

常州科技园区

Changzhou Science & Technology Park

项目内容：

我司负责承建本项目：

集成管理系统。

综合安保系统。

一卡通系统。

综合布线系统。

计算机网络系统。

物业管理系统。

空调自控系统。

电力监控系统。

机房工程系统等。

Project Content:

IBT is responsible for the construction of this project:

1. Integrated management system.
2. Comprehensive security system.
3. All-in-one card system.
4. Integrated wiring system.
5. Computer network system.
6. Property management system.
7. Air conditioning automatic control system.
8. Electric power monitoring system.
9. Computer room engineering system, etc.

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阳江核电一期工程

Yangjiang Nuclear Power Phase I Project

荣获奖项：

国家优质工程奖。

Awards:

National Quality Engineering Award.

项目介绍：

阳江核电站是中广核集团在广东地区的第二核电基地。项目拟采用中广核集团具有自主品牌的 CPRlOOO 技术，一期工程拟建设四台百万千瓦级压水堆核电机组，由中广核集团阳江核电有限公司负责建设和运营。

Project Introduction:

Yangjiang Nuclear Power Plant is the second nuclear power base of China General Nuclear Power Group in Guangdong. The project is planned to adopt the CPR1000 technology of China General Nuclear Power Group, which has its own brand. The phase 1 project plans to build four million-kilowatt PWR nuclear power units, which will be constructed and operated by China General Nuclear Power Group Yangjiang Nuclear Power Co., Ltd.

红沿河核电一期工程

Hongyanhe Nuclear Power Phase I Project

荣获奖项：

国家优质工程奖。

Awards:

National Quality Engineering Award.

项目介绍：

辽宁红沿河核电站位于瓦房店市红沿河镇，是国家“十五”期间首个批准建设的核电项目，是中国首次同意 4 台百万千瓦级核电机组标准化、规模化建设的核电项目，是东北地区第一个核电站。

Project Introduction:

Liaoning Hongyanhe Nuclear Power Plant is located in Hongyanhe Town, Wafangdian City. It is the first nuclear power project approved for construction during the National Tenth Five-Year Plan period. This is the first nuclear power project in which China has agreed to the standardized and large-scale construction of 4 million-kilowatt nuclear power units. It is the first nuclear power plant in Northeast China.

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宁德核电一期工程

Ningde Nuclear Power Phase I Project

荣获奖项：

国家优质工程奖。

Awards:

National Quality Engineering Award.

项目介绍：

福建宁德核电站距福鼎市区南约 32km，东临东海，北临晴川湾。规划建设六台百万千瓦级压水堆核电机组，次规划，分期建设，期工程拟采用中广核集团具有自主品牌的 CPRIOOO 技术，建设四台百万千瓦级压水堆核电机组。

Project Introduction:

Fujian Ningde Nuclear Power Station is about 32km to the south of Fuding City, with the East China Sea to the east and Qingchuan Bay to the north. It is planned to build six million-kilowatt-class PWR nuclear power units, sub-planned and constructed in phases. The phased project is planned to adopt CPR1000 technology with its own brand of China General Nuclear Power Group to build four million-kilowatt-class PWR nuclear power units.

案例展示
CASE DISPLAY

1 物联网与数字孪生 IOT AND DIGITAL TWINS
2 智慧建筑 SMART BUILDINGS
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6 智慧医疗 SMART MEDICAL CARE
7 智慧教育 SMART EDUCATION

智慧交通
SMART TRANSPORTATION

打造交通的新时代

Create a new era of transportation

智慧交通系统是以智慧城市管理体制和运行机制进行创新性的变革为前提，打造智慧城市智慧大交通的新模式、新体制、新常态。智慧交通是对交通运输领域内各种高新技术应用的统称。运用高新技术手段，旨在改善交通运输状态，缓解交通拥挤，改善道路畅通，提高交通安全。智慧交通规划以城市交通管理信息整合为需求的出发点，以智慧交通系统的整体性、集成性、先进性为原则。以交通管理信息中心为核心，连接公共交通、出租车、城市轨道交通、城市高速路、道路信息、电子收费、交通信号灯、道路交通通讯指挥、车辆 GPS 定位等的综合运行信息集成。智慧交通使得道路、使用者和交通系统之间紧密、实时和稳定的相互传递信息与智慧化的管理，为出行者和道路使用者提供及时准确的交通信息，使其能够对交通线路、交通方式和出行时间作出充分、及时的判断。智慧交通属于智慧城市“三中心一平台”中一平台中的二级行业专业平台，其涵盖范围包括了城市的公路交通、铁路交通、城市轨道交通、机场、口岸、码头等多个交通范畴。

The smart transportation system is based on the premise of innovative changes in the management system and operating mechanism of the smart city to create a new model, new system, and new normal for smart city transportation. Smart transportation is a general term for various high-tech applications in the field of transportation. The use of high-tech means is aimed at improving the state of transportation, alleviating traffic congestion, improving road flow, and improving traffic safety. Smart transportation planning takes the integration of urban traffic management information as the starting point of demand, and the integrity, integration, and advancement of the smart transportation system as the principles. With the traffic management information center as the core, it connects the integrated operation information integration of public transportation, taxis, urban rail transit, urban highways, road information, electronic toll collection, traffic lights, road traffic communication command, and vehicle GPS positioning. Smart transportation enables close, real-time and stable mutual information transmission and intelligent management between roads, users and traffic systems, providing travelers and road users with timely and accurate traffic information, enabling them to make full and timely judgments with traffic routes, ways of transportation, and travel time. Smart transportation belongs to the second-level industry professional platform in the first platform of the “three centers and one platform” of smart cities, and its coverage includes urban road transportation, railway transportation, urban rail transportation, airports, ports, terminals and other transportation areas.

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深港西部通道口岸深方智能指挥中心

Shenzhen-Hong Kong Western Corridor Port Shenzhen Intelligent Command Center

Awards:

National Key Project, National Exploration Design Award, Science and Technology Progress Award, High-Quality Professional Engineering Award, 2008 Shenzhen High-Quality Professional Engineering Award, and 100 Smart Building Projects selected.

Project Content:

IBT is responsible for the construction of this project: Integrated wiring system, computer network system, emergency command system, building automatic control system, system integration system, public information release and bus waiting command and instruction system, computer room engineering system, security monitoring system, etc.

Project Introduction:

The national key project, the national trunk road network, is the only expressway that connects the Hong Kong Special Administrative Region; it is the first time in China that the Shenzhen-Hong Kong joint "one place, two inspection" model has been adopted; the world's largest modern and intelligent port of its kind.

荣获奖项：

国家重点工程、全国勘探设计奖、科技进步奖、优质专业工程奖、2008 年度深圳市优质专业工程奖、智能建筑工程精选 100 例。

项目介绍：

国家重点工程国家干线公路网连接香港特区的唯一高速公路通道；国内第一次采用深港联合的“一地两检”模式；世界上同类口岸中最大的现代化、智能化口岸。

项目内容：

我司负责承建本项目：综合布线系统、计算机网络系统、应急指挥系统、楼宇自控系统、系统集成系统、公共信息发布及客车等候指挥指示系统、机房工程系统、安防监控系统等。

深圳地铁福田综合交通枢纽工程

Shenzhen Metro Futian Comprehensive Transportation Hub Project

荣获奖项：

优质专业工程奖，深圳市优质结构工程奖，中国建设工程“鲁班奖”。

项目内容：

我司负责承建本项目：综合监控系统、机电设备监控系统、火灾报警系统、闭路监视系统、门禁系统、乘客咨讯系统、大屏幕系统、无线对讲系统等。

Awards:

Quality Professional Engineering Award, Shenzhen High Quality Structural Engineering Award, China Construction Engineering "Luban Award".

Project Content:

IBT is responsible for the construction of this project:

1. Integrated monitoring system.
2. Electromechanical equipment monitoring system.
3. Fire alarm system.
4. Closed circuit monitoring system.
5. Access control system.
6. Passenger information system.
7. Large screen system.
8. Wireless intercom system, etc.

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深圳地铁 5 号线塘朗车辆段

Tanglang Depot of Shenzhen Metro Line 5

项目内容：

我司负责承建本项目：

综合布线系统。

计算机网络系统。

有线电视系统。

背景音乐及紧急广播系统。

综合安防系统。

消防火灾报警系统。

火灾自动报警系统。

多媒体会议系统。

供电及 UPS 不间断电源系统。

防雷接地系统。

机房工程。

楼宇集成管理系统等。

Project Content:

IBT is responsible for the construction of this project:

1. Integrated wiring system.
2. Computer network system.
3. Cable TV system.
4. Background music and emergency broadcasting system.
5. Integrated security system.
6. Fire and fire alarm system.
7. Fire automatic alarm system.
8. Multimedia conference system.
9. Power supply and UPS uninterrupted power supply system.
10. Lightning protection grounding system.
11. Computer room engineering.
12. Building integrated management system, etc.

深圳机场码头迁建工程

Shenzhen Airport Terminal Relocation Project

荣获奖项：

国家重点工程奖、深圳市优质专业工程奖。

项目内容：

我司负责承建本项目：信息弱电系统外场与港务区光纤及通讯电缆路由系统、港务区总体（骨干网）网络系统（负责配合）、边检专用系统硬件 PC 机、综合布线系统 (含机场远程值机、票务系统布线部分)、安防系统（门禁不建设，采用密码锁）、船班 / 航班信息显示系统、公共广播系统、网络系统、有线电视系统、机房工程、UPS 及供配电系统等。

Awards:

National Key Project Award, Shenzhen Quality Professional Project Award.

Project Content:

IBT is responsible for the construction of this project: Information weak current system field and port area optical fiber and communication cable routing system, port area overall (backbone network) network system (responsible for cooperation), special system hardware PC for border inspection, integrated wiring system (including airport) Remote check-in, ticketing system wiring part), security system (access control is not built, password lock is used), ship/flight information display system, public address system, network system, cable TV system, computer room engineering, UPS and power supply and distribution system, etc.

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长沙市轨道交通 2 号线工程

Changsha Rail Transit Line 2 Project

项目内容：

我司负责承建本项目：建筑设备监控系统、防盗报警系统、数字网络视频安防监控系统、门禁系统、停车场管理系统、考勤系统、出入口登记等智能一卡通系统、智能照明系统、背景音乐及紧急广播系统、有线电视及卫星电视系统等。

Project Content:

IBT is responsible for the construction of this project:

1. Building equipment monitoring system.
2. Anti-theft alarm system.
3. Digital network video security monitoring system.
4. Access control system.
5. Parking lot management system.
6. Attendance system.
7. Intelligent all-in-one card system such as entrance and exit registration.
8. Intelligent lighting system.
9. Background music and emergency broadcast system.
10. Cable and satellite TV system, etc.

长沙市轨道交通运营控制中心

Intelligent Engineering Project of Changsha Rail Transit Operation Control Center

项目内容：

我司负责承建本项目：建筑设备监控系统、智能照明系统、视频监控系统、出入口控制系统、停车场系统、入侵报警及周界防范系统、建筑设备集成管理系统、综合布线系统、计算机数据网络系统、有线电视及三网信息系统、背景音乐及紧急广播系统、一卡通系统 \ 数字会议系统、公共信息发布系统、机房工程等。

Project Content:

IBT is responsible for the construction of this project:

1. Building equipment monitoring system.
2. Intelligent lighting system.
3. Video monitoring system.
4. Access control system.
5. Parking lot system.
6. Intrusion alarm and perimeter prevention system.
7. Construction equipment Integrated management system.
8. Integrated wiring system.
9. Computer data network system.
10. Cable television and three-network information system.
11. Background music and emergency broadcasting system.
12. All-in-one card system\digital conference system.
13. Public information release System.
14. Computer room engineering, etc.

青岛港招商局国际集装箱码头

Qingdao Port China Merchants International Container Terminal

项目介绍：

青岛港码头项目规划岸线长度为 2272 米，港区规划建设规模为 3 个 10 万吨级 2 个 3 万吨级（水深、结构按 5 万吨级）共 5 个集装箱专用泊位和 2 个 3 万吨级多用途泊位，年吞吐能力达 450 万标箱和杂货 200 万吨。

Project Introduction:

The planned shoreline length of the Qingdao Port Wharf Project is 2272 meters, and the planned construction scale of the port area is three 100,000-ton level and two 30,000-ton level (water depth and structure according to 50,000-ton level) 5 dedicated container berths in total and two multi-purpose berth of 30,000 tons, with an annual handling capacity of 4.5 million TEUs and 2 million tons of general cargo.

项目内容：

我司负责承建本项目：楼宇视频监控系统、楼宇一卡通系统、多功能综合会议系统、综合布线系统、中控系统等。

Project Content:

IBT is responsible for the construction of this project: Building video monitoring system, building all-in-one card system, multifunctional integrated conference system, integrated wiring system, central control system, etc.

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深圳赤湾港码头

Shenzhen Chiwan Port Terminal

荣获奖项：

深圳市优质专业工程奖。

项目介绍：

赤湾港在深圳经济特区西部的南头半岛顶端，位于珠江口东岸，东经113° 53′，北纬22° 28′附近，距香港、澳门、珠海均在20海里范围内，水、陆路距广州约150公里。赤湾集装箱码头是深圳港三大集装箱码头之一，经过15年的发展，赤湾集装箱码头已经成为一个设施先进，管理完善的国际性专业集装箱码头。其管理的泊位数量共达9个，泊位总长度3400米，可提供365天24小时全天候的优质服务。

项目内容：

我司负责承建本项目：海关监控系统等。

Awards:

Shenzhen Quality Professional Engineering Award.

Project Introduction:

Chiwan Port is at the top of the Nantou Peninsula in the west of the Shenzhen Special Economic Zone, on the east bank of the Pearl River Estuary, near 13°53′ east longitude and 22°28′ north latitude, within 20 nautical miles from Hong Kong, Macau, and Zhuhai by land and water. It is about 150 kilometers away from Guangzhou. Chiwan Container Terminal is one of the three major container terminals in Shenzhen Port. After 15 years of development, Chiwan Container Terminal has become an international professional container terminal with advanced facilities and complete management. The total number of berths managed by it reaches 9 with a total length of 3,400 meters, which can provide high-quality services 24 hours a day, 365 days a year.

Project Content:

IBT is responsible for the construction of this project: Customs monitoring system, etc.

案例展示
CASE DISPLAY

1 物联网与数字孪生 IOT AND DIGITAL TWINS
2 智慧建筑 SMART BUILDINGS
3 数据中心 DATA CENTERS
4 智慧园区 SMART PARKS
5 智慧交通 SMART TRANSPORTATION
6 智慧医疗 SMART MEDICAL CARE
7 智慧教育 SMART EDUCATION

智慧医疗
SMART MEDICAL CARE

打造便民的绿色数据化医院

Build a convenient green data hospital

智慧医疗属于智慧城市“三中心一平台”中一平台中的二级行业专业平台。智慧医疗系指以电子病历和健康档案信息系统为基础，构建智慧医疗综合信息平台和医疗体系，提供包括医疗资源、电子病历、医学影像、医疗机构协同、远程诊断、个人健康咨询、家庭保健等服务，支持通过市民“一卡通”提供个人健康和医疗保健服务，支持发展新型医疗健康信息服务。智慧医疗目前主要以智慧医院为具体载体。

智宇实业的智慧医院一体化解决方案以智慧医院信息化和智能化建设为目标，实现医疗、治疗、临床检验、电子病历、健康档案的信息互联互通和医疗信息资源共享。

Smart medical care is a secondary industry professional platform in the first platform of the "three centers and one platform" of smart cities. Smart medical refers to the construction of a comprehensive information platform and medical system for smart medical care based on electronic medical records and health file information systems. Services such as resources, electronic medical records, medical imaging, medical institution collaboration, remote diagnosis, personal health consultation, family health care, etc., support the provision of personal health and medical care services through the "all-in-one card" of citizens, and support the development of new medical and health information services. Smart medical care currently mainly uses smart hospitals as specific carriers.

IBT's smart hospital integration solution aims at the informatization and intelligent construction of smart hospitals, realizing the information interconnection and intercommunication of medical treatment, treatment, clinical examination, electronic medical records, and health files and the sharing of medical information resources.

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深圳滨海医院（港大深圳医院）

Shenzhen Binhai Hospital (The University of Hong Kong-Shenzhen Hospital)

项目介绍：

深圳市滨海医院（香港大学深圳医院）位于深圳湾畔，东临侨城东路，占地面积 19.2 万平方米，建筑面积 35.2 万平方米，开工日期 2009 年 04 月 12 日，竣工日期 2012 年 06 月 11 日。

项目内容：

我司负责承建本项目：门诊医技楼、特需诊疗中心、住院楼 ABC、行政信息楼、后勤服务楼、学术报告厅、锅炉房及污水处理站、电视监控系统工程、入侵防盗报警系统工程等。

Project Introduction:

Shenzhen Binhai Hospital (The University of Hong Kong-Shenzhen Hospital) is located on the bank of Shenzhen Bay, east of Qiaocheng East Road, covering an area of 192,000 square meters, with a construction area of 352,000 square meters. The construction date was April 12th, 2009 and was completed on June 11th, 2012.

Project Content:

IBT is responsible for the construction of this project: Outpatient medical technology building, special needs diagnosis and treatment center, inpatient building ABC, administrative information building, logistics service building, academic lecture hall, boiler room and sewage treatment station, TV monitoring system engineering, intrusion prevention alarm system engineering, etc.

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深圳市人民医院外科大楼

Surgery Building, Shenzhen People’s Hospital

项目介绍：

深圳市人民医院外科大楼及干部保健病区工程，位于市罗湖区东门北路1017 号深圳市人民医院区内。占地面积 9.04 万平方米 , 已建成总建筑面积 11 万平方米。新建外科大楼及干部保健病区建设于院区东北部深圳市卫生学校原址上 , 占地面积 2.87 万平方米 , 地下 2 层。

项目内容：

我司负责承建本项目：综合布线系统、楼宇自控系统、有线电视系统及卫星电视系统、闭路电视监控系统（包括 ICU 监控、层流病房可视对讲、手术室监控及示教系统）、停车场智能管理系统、周界防范系统、离线巡更系统、门禁系统、门诊叫号系统及取药叫号系统、背景音乐 / 公共广播系统、多媒体会议室系统、电子时钟显示系统、远程会诊系统、UPS 电源及防雷接地系统等子系统等。

Project Introduction:

Shenzhen People's Hospital Surgical Building and Cadre Health Ward Project are located in Shenzhen People's Hospital, No. 1017 Dongmen North Road, Luohu District. It covers an area of 90,400 square meters, and the current total construction area is 110,000 square meters. The new surgical building and the cadre health ward are built on the original site of the Shenzhen Municipal Health School in the northeast of the hospital, covering an area of 28,700 square meters and 2 floors underground.

Project Content:

IBT is responsible for the construction of this project: Integrated wiring system, building automation system, cable TV system and satellite TV system, closed-circuit television monitoring system (including ICU monitoring, laminar flow ward video intercom, operating room monitoring And teaching system), parking lot intelligent management system, perimeter prevention system, offline patrol system, access control system, outpatient call number system and medicine call number system, background music/public address system, multimedia conference room system, electronic clock Subsystems such as display system, remote consultation system, UPS power supply and lightning protection grounding system, etc.

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深圳市第三人民医院改扩建工程（二期）

Shenzhen Third People's Hospital Reconstruction and Expansion Project (Phase II)

Project Introduction:

Shenzhen Third People's Hospital Reconstruction and Expansion Project (Phase II) is located in Longgang District, Shenzhen. The total construction area of the new building is 285284.16 square meters, and the total investment is 266.676 million RMB. At present, it has been built into a infectious diseases diagnosis, treatment and research center with large scale, advanced equipment and complete functions in Shenzhen, Hong Kong, Macao, Pearl River Delta, Dongguan, Huizhou and other Pearl River Delta regions.

Project Content:

IBT is responsible for the construction of this project: Integrated wiring system, computer network system, SPC exchange system, video monitoring system, nursing call system, UPS system, cable television system, computer room engineering, medical monitoring system, information guidance and release system, parking lot location guidance system, elevator five-way intercom system, waiting call signal system, building equipment monitoring system, building energy efficiency supervision system, intrusion alarm and emergency help system, access control and patrol system, comprehensive security management system, clock system (wiring only), and operating room intercom system, ward visit system, and background music system in the purification area.

项目介绍：

深圳市第三人民医院改扩建工程（二期），位于深圳市龙岗区。新建总建筑面积 285284.16 平方米，总投资 266676 万元。目前已建设成为深、港、澳及珠、莞、惠等珠三角地区规模大、设备先进、功能完善的感染性疾病诊疗与研究中心。

项目内容：

我司负责承建本项目：综合布线系统、计算机网络系统、程控交换机系统、视频监控系统、护理呼叫系统、UPS 系统、有线电视系统、机房工程、医疗监控系统、信息引导及发布系统、停车场区位引导系统、电梯五方对讲系统、候诊呼叫信号系统、建筑设备监控系统、建筑能效监管系统、入侵报警及紧急求助系统、出入口控制及巡更系统、安全防范综合管理系统、时钟系统（仅布线），以及净化区域内的手术室对讲系统、病房探视系统、背景音乐系统。

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龙华区综合医院项目

The Project of Longhua District General Hospital

项目介绍：

本项目位于深圳市龙华区观湖街道，占地面积 5.62 万平方米，建筑面积 35.59 万平方米。

项目按三级甲等综合医院标准进行建设，规划建设床位 1500 张、车位 2496 个，总投资约 32.79 亿元。

项目内容：

我司负责承建本项目：智能化工程范围包括信息设施系统（含 IBMS 集成、综合布线、信息网络、公共广播、信息导引及发布、无线对讲、时钟、电梯五方对讲、会议等系统）、安全技术防范系统（含视频监控、入侵报警、电子巡查、门禁一卡通、停车场管理、车位引导等子系统）、建筑设备管理系统（含建筑设备监控、能源监管等子系统）、医疗信息应用系统（含候诊呼叫信号系统、净化区域背景音乐系统、可视对讲系统等子系统）、机房工程（含 UPS 电源、机房设备、主备信息机房装修等）。

Project Introduction:

The project is located in Guanhu Street, Longhua District, Shenzhen, covering an area of 56200 square meters and a building area of 355900 square meters.

The project is constructed according to the standards of grade A tertiary comprehensive hospitals, with 1500 beds and 2496 parking spaces planned to be constructed, with a total investment of about 3.279 billion RMB.

Project Content:

IBT is responsible for the construction of this project: Information facilities system (including IBMS integration, integrated wiring, information network, public address, information guidance and release, wireless intercom, clock, elevator five-way intercom, conference and other systems), security technology protection system (including video monitoring, intrusion alarm, electronic patrol, access control all-in-one card, parking lot management, parking space guidance and other subsystems), building equipment management system (including building equipment monitoring, energy supervision and other subsystems), medical information application system (including waiting call signal system, purification area background music system, visual intercom system and other subsystems), computer room engineering (including UPS power supply, computer room equipment, main and standby information room decoration, etc.).

深圳市第六人民医院（南山医院）

Shenzhen Sixth People's Hospital (Nanshan Hospital)

项目介绍：

深圳市南山区人民医院（深圳市第六人民医院），坐落于深圳经济特区西部南头半岛中心区，是深圳市第四家三级甲等医院暨南山区区域医疗中心。医院占地面积 5.44 万平方米，总建筑面积 9.85 万平方米，编制总床位 900 张，开放床位近 1200 张，服务人口已超过 170 万。

项目内容：

我司负责承建本项目：综合布线系统、监控系统、手术室教学系统、计算机网络系统、网络系统、呼叫系统、机房工程等。

Project Introduction:

Shenzhen Nanshan District People's Hospital (Shenzhen Sixth People's Hospital) is located in the central area of Nantou Peninsula in the west of Shenzhen Special Economic Zone. It is the fourth grade A tertiary hospital in Shenzhen and Nanshan District Regional Medical Center. The hospital covers an area of 54,400 square meters, with a total construction area of 98,500 square meters. It has a total establishment of 900 beds, nearly 1,200 open beds, and serves more than 1.7 million people.

Project Content:

IBT is responsible for the construction of this project: Integrated wiring system; monitoring system, operating room teaching system, computer network system, network system, call system, computer room engineering, etc.

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东莞市人民医院

Dongguan People's Hospital

项目内容：

我司负责承建本项目：结构化综合布线系统、有线电视系统、楼宇自动化控制系统、远程抄表系统、多媒体会议系统、手术室示教系统、闭路电视监控及防盗报警系统、门禁一卡通系统、停车场管理系统、机房系统、诊区排队叫号系统、公共广播及背景音乐系统、建筑物集成管理平台系统、防雷、接地及管路系统等。

Project Content:

IBT is responsible for the construction of this project: Structured integrated wiring system, cable television system, building automation control system, remote meter reading system, multimedia conference system, operating room teaching system, closed-circuit television monitoring and anti-theft alarm system, access control all-in-one card system, parking lot management system, computer room system, diagnosis area queuing system, public address and background music system, building integrated management platform system, lightning protection, grounding and pipeline system, etc.

案例展示
CASE DISPLAY

1 物联网与数字孪生 IOT AND DIGITAL TWINS
2 智慧建筑 SMART BUILDINGS
3 数据中心 DATA CENTERS
4 智慧园区 SMART PARKS
5 智慧交通 SMART TRANSPORTATION
6 智慧医疗 SMART MEDICAL CARE
7 智慧教育 SMART EDUCATION

智慧教育
SMART EDUCATION

教育方式和学习方式的重大改革

Major reforms in education and learning methods

智慧教育属于智慧城市“三中心一平台”中一平台中的二级行业专业平台。智慧教育二级平台实现“三通两平台”，即宽带网络校校通、优质资源班班通、网络学习空间人人通、教育资源系统集成平台和教育管理系统集成平台。

智宇实业智慧教育解决方案专注于智慧校园的综合监管一体化运营管理平台建设。在运用 BIM 技术和物联网技术解决校园一卡通、安防监控、设备管理和综合网络设施综合统一监管的同时，注重校园大数据和信息库建设。具有教育基础信息库、普及课程课件库、专业课程课件库、办公自动化和公文流转、学籍和教务管理、人事档案管理、校产管理、学生选课、学业水平考试评价、综合素质评价、学分管理与学分认定、课堂教学研究、教育图片库、教育门户站群等功能。

Smart education belongs to the second-level industry professional platform in the first platform of the "three centers and one platform" of smart cities. The second-level platform of smart education realizes the "three links and two platforms", that is, broadband network school-to-school communication, high-quality resource class-to-class communication, and online learning space for everyone, education resource system integration platform and education management system integration platform.

IBT's smart education solution focuses on the construction of a comprehensive supervision and integrated operation management platform for smart campuses. While using BIM technology and Internet of Things technology to solve the comprehensive and unified supervision of campus all-in-one card, security monitoring, equipment management and comprehensive network facilities. It also pays attention to the construction of campus big data and information database, with basic education information database, popular course courseware database, and professional course courseware Library, office automation and official document circulation, school status and educational administration management, personnel file management, school property management, student selection, academic level examination evaluation, comprehensive quality evaluation, credit management and credit recognition, classroom teaching research, education picture library, education portal station group and other functions.

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成都巴川公学

Chengdu Bachuan Public School

Project Introduction:

Bachuan Public School is located in Xinou Peng Education Town, Guanghan City, on the north side of Fenghuang Avenue in Qingbaijiang District of Chengdu City, adjacent to Phoenix Lake, only 20 kilometers away from the Central District of Chengdu, and only 10 kilometers away from the Central District of Guanghan City. It is composed of teaching buildings, administrative buildings, dormitory buildings, sports fields, basketball courts, supporting rooms and equipment rooms. The total construction area is about 69,344.63 square meters. It is a modern, intelligent, international and personalized K12 Full education system school.

Project Content:

IBT is responsible for the construction of this project: Integrated wiring system, security monitoring system, IP broadcasting system, electronic class sign system, telephone voice system, information release system, parking lot management system, wireless patrol system, recording and broadcasting classroom system, class to class communication system, conference room system, cloud desktop system, computer room engineering, etc.

项目介绍：

德阳巴川公学位于广汉市新鸥鹏教育小镇、成都市青白江区凤凰大道北侧，毗邻凤凰湖，距成都市中区仅 20 公里、距广汉市中区仅 10 公里。由教学楼、行政楼、宿舍楼、运动场、篮球场、配套用房及设备用房等建筑业态组成，总建筑面积约 69344.63 平方米，是一所现代化、智能化、国际化和个性化的 K12 全教育体系学校。

项目内容：

我司负责承建本项目：综合布线系统、安防监控系统、IP 广播系统、电子班牌系统、电话语音系统、信息发布系统、停车场管理系统、无线巡更系统、录播教室系统、班班通系统、会议室系统、云桌面系统、机房工程等。

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国家工商行政管理总局行政学院

School of Administration, State Administration for Industry and Commerce

荣获奖项：

省重点工程、优质专业工程奖、智能建筑工程精选 100 例、2008 年度深圳市优质专业工程奖。

Awards:

Provincial Key Project, High-quality Professional Engineering Award, Selected 100 Examples of Intelligent Building Engineering, 2008 Shenzhen High-Quality Professional Engineering Award.

项目内容：

我司负责承建本项目：综合布线系统、网络系统、服务器系统、卫星有线电视系统、程控交换机系统、背景音乐系统、远程抄表系统、楼宇自控系统、综合保安系统、楼宇集中管理系统、办公室自动化系统、数字会议系统、语音教室系统、数字图书馆系统、机房系统等。

Project Content:

IBT is responsible for the construction of this project: Integrated wiring system, network system, server system, satellite cable TV system, program-controlled switch system, background music system, remote meter reading system, building automation system, integrated security system, building centralized management system, office automation system, digital conference system, speech classroom system, digital library system, computer room system, etc.

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广州大学城

Guangzhou University Town

荣获奖项：

优质专业工程奖、2007 年度深圳市优质专业工程奖。

项目介绍：

广州大学城，位于广州番禺区新造镇，城区分布在珠江两岸，面积为 34.4 平方公里。一期进驻地为小谷围岛，岛内面积 18 平方公里。大学城一期东侧有黄埔军校、辛亥革命纪念馆，孙中山纪念馆等旅游景点。广州大学城总体规划建设于 2003 年 1 月正式启动，19 个月后一期工程正式完工。2004 年 9 月 1 日，一期进驻十所高校，分别是：中山大学、华南理工大学、华南师范大学、广州大学、广东外语外贸大学、广州中医药大学、广东药科大学、广东工业大学、广州美术学院、星海音乐学院。

项目内容：

我司负责承建本项目：广播系统、综合布线等。

Awards:

Quality Professional Engineering Award, 2007 Shenzhen Quality Professional Engineering Award.

Project Introduction:

Guangzhou University Town is located in Xinzao Town, Panyu District, Guangzhou. The urban area is located on both banks of the Pearl River and covers an area of 34.4 square kilometers. The first phase of the station is Xiaoguwei Island, with an area of 18 square kilometers. On the east side of the first phase of the University Town are tourist attractions such as the Whampoa Military Academy, the Memorial Hall of the Revolution of 1911, and the Sun Yat-sen Memorial Hall. The overall planning and construction of Guangzhou University Town was officially launched in January 2003, and the first phase of the project was officially completed 19 months later. On September 1, 2004, the first phase entered ten universities, namely: Sun Yat-sen University, South China University of Technology, South China Normal University, Guangzhou University, Guangdong University of Foreign Studies, Guangzhou University of Traditional Chinese Medicine, Guangdong Pharmaceutical University, Guangdong University of Technology, Guangzhou Academy of Fine Arts, Xinghai Conservatory of Music.

Project Content:

IBT is responsible for the construction of this project: Broadcasting system, integrated wiring, etc.

深圳大学城图书馆及管理中心大楼

Shenzhen University Town Library and Management Center Building

项目介绍：

位于广东省深圳市南山区东北部（西丽塘朗片区），紧邻深圳野生动物园，距离深圳市高新技术产业园区约10公里，总体规划建设面积为10平方公里。

Project Introduction:

It is located in the northeast of Nanshan District (Xili tanglang District), Shenzhen, Guangdong Province, next to Shenzhen Wildlife Park, about 10 kilometers away from Shenzhen High-tech Industrial Park, and the overall planned construction area is 10 square kilometers.

项目内容：

我司负责承建本项目：计算机网络系统、机房工程等。

Project Content:

IBT is responsible for the construction of this project: Computer network system, computer room engineering, etc.

合作伙伴

COOPERATIVE PARTNERS

中国南方电网 CHINA SOUTHERN POWER GRID
中国海油 CNOOC
CIMC 中集
lenovo
中信集团 CITIC REAL ESTATE
SHENZHEN AIRPORT GROUP 深圳机场集团
中国石油
深圳地铁 SHENZHEN METRO
中国平安 PING AN 保险 · 银行 · 投资
万科 让建筑赞美生命
华大基因 BGI
盐田港
oppo
深圳证券交易所 SHENZHEN STOCK EXCHANGE
中国移动 China Mobile
HUAWEI
ZTE中兴
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