

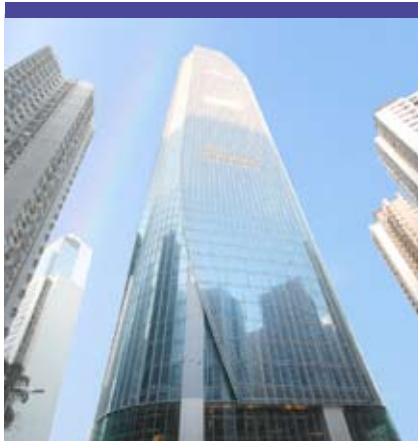
Job Reference

Intelligent Building Systems



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▶ One Island East



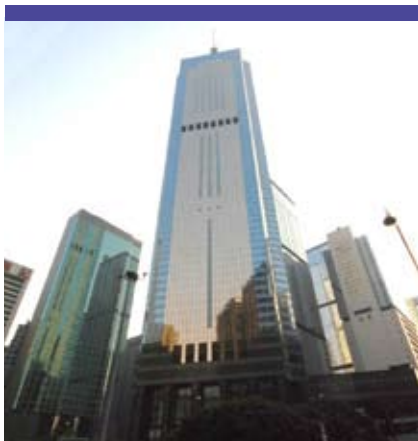
Client : Swire Properties Ltd.
 Consultant : Meinhardt (M&E) Ltd.
 Building Type : Office
 BMS Size : 50,000 points
 Scope of Work : Supply & Installation of Integrated BMS, Security, CCTV and ATC System
 Description : One Island East is a new addition to Swire's island east commercial portfolio and locates in proximity to both Taikoo and Quarry Bay MTR stations. The building is a 70-storey triple Grade-A office with total gross office area of 1,500,000 ft.².
 Completion : 2008



▶ International Finance Centre 2



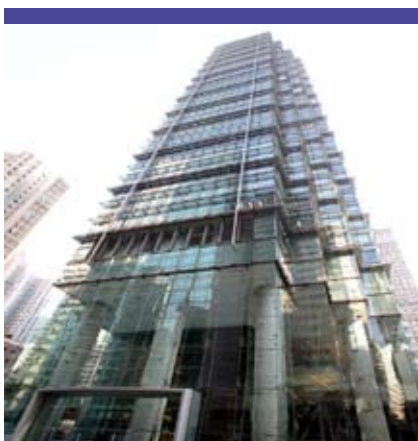
Client : Sun Hung Kai Properties/ Henderson Land Development Co. Ltd./ MTR Corporation Ltd.
 Consultant : J Roger Preston Ltd.
 Building Type : Office
 BMS Size : 100,000 points
 Scope of Work : Supply & Installation of BMS & ATC System
 Description : International Finance Centre 2 (IFC) is part of the Hong Kong Station Development which comprises a 88-storey office tower with over 2,000,000 ft.² office space, 500,000 ft.² of retail and 3 level of car park basement. The IFC 2 office is the tallest building in Hong Kong.
 Completion : 2003



▶ Central Plaza



Client : Sun Hung Kai Properties Ltd./ Sino Land Company Ltd.
 Consultant : NIL
 Building Type : Office
 BMS Size : 5,000 points
 Scope of Work : Replacement of existing Johnson BMS System
 Description : Central Plaza is a 78 storey office tower with area over 1,800,000 ft.² located at Wanchai waterfront and is currently the second tallest building in Hong Kong and 10th tallest building in the world with a height of 374 m. The building was completed in 1992 and was the tallest building in HK since then until surpassed by IFC2 in 2002.
 Completion : 2009



▶ Three Pacific Place



Client : Swire Properties Ltd.
 Consultant : Wong & Ouyang (BS) Ltd.
 Building Type : Office
 BMS Size : 15,000 points
 Scope of Work : Supply & Installation of BMS, ATC, Security and Lift Information Display System
 Description : Three Pacific Place is a Grade A office development located at Queen's Road East, next to Pacific Place complex. It consists of 38-storey tower, of which 34 are office floors with a total gross area of 644,000 ft.². There are three basement levels, with car park and a small number of retail shops in Basement Level B3.
 Completion : 2005



▶ One Kowloon



Client : Glorious Sun Enterprises Ltd.
Consultant : Wong & Ouyang (BS) Ltd.
Building Type : Office
BMS Size : 20,000 points
Scope of Work : Supply & Installation of BMS, Security, CCTV & ELV System
Description : One Kowloon is a Grade A office development located at Wang Tai Road, Kowloon Bay. It consists of 700,000 ft.² office space over 39-storey and 50,000 ft.² retail space.
Completion : 2007



▶ One Peking Road, Tsimshatsui



Client : Glorious Sun Properties Ltd.
Consultant : J Roger Preston Ltd.
Building Type : Office
BMS Size : 5,000 points
Scope of Work : Supply of BMS & ATC System
Description : A composite retail and office building located in a strategic corner bound by Kowloon Park Drive, Peking Road and Canton Road in Tsimshatsui. The building has 30-storeys with 130,000 ft.² retail space and 160,000 ft.² office. The building also provides over 120 car parking spaces in the basements.
Completion : 2003



▶ Lincoln House



Client : Swire Properties Ltd.
Consultant : Wong & Ouyang (BS) Ltd.
Building Type : Office
BMS Size : 7,000 points
Scope of Work : Supply & Installation of BMS, ATC, Security, CCTV & ELV System
Description : Lincoln House is a 342,000 ft.² high class office building with 23 storeys and 5 basements and is part of Taikoo Place commercial district. The whole building design is environmental friendly and has been awarded on "Excellent" rating by the Hong Kong Building Environment Assessment Method (HKBEAM).
Completion : 1998



▶ Oxford House



Client : Swire Properties Ltd.
Consultant : Meinhardt (M&E) Ltd.
Building Type : Office
BMS Size : 8,000 points
Scope of Work : Supply & Installation of BMS, ATC, Security & ELV System
Description : Oxford House is a 500,000 ft.² high class office building with 40 storeys and 4 basements and is part of Taikoo Place commercial district. The whole building design is environmental friendly and has been awarded an "Excellent" rating by the Hong Kong Building Environment Assessment Method (HKBEAM).
Completion : 1999



► Taikoo Place – Centralized Control Room



Client : Swire Properties Ltd.
 Building Type : Office
 Scope of Work : Design & Build the centralized BMS, CCTV & ELV system and control room for Taikoo Place
 Description : There are 8 buildings in Taikoo Place commercial district owned by Swire Properties. Each building has its own BMS & ELV system and control room. In order to improve the operation efficiency, Swire decided to centralize all BMS & ELV system into one central control room (CCR) located at 3/F Cambridge House. The existing building control and monitoring systems include: Lift System; CCTV System; BMS; Security System; PA System; Intercom System; Fire Alarm System. By using the existing landlord optic fiber network, all these systems are integrated to the CCR.1996.
 Completion : 2005



► Hutchison Telecom office Terminal 9, Tsing Yi



Client : Hutchison Global Communication Ltd.
 Consultant : M. Moser Associates Ltd.
 Building Type : Office
 BMS Size : 1600 points
 Scope of Work : Supply & Installation of BMS & ATC System
 Description : An office development with total floor area over 35,000 m² and is solely used by Hutchison Telecom.
 Completion : 2005



► Oterprise Square



Client : Oriental Press Group
 Consultant : Meinhardt (M&E) Ltd.
 Building Type : Office
 BMS Size : 1,200 points
 Scope of Work : Supply of BMS & ATC System
 Description : Oterprise Square is a 30-storey office building sitting on 5 level of podium located in Tsimshatsui.
 Completion : 1998



► Element at Union Square



Client : MTR Corporation Ltd.
 Consultant : Parsons Brinckerhoff (Asia) Ltd.
 Building Type : Retail
 BMS Size : 8,000 points
 Scope of Work : Supply and installation of BMS & ATC System
 Description : Element shopping mall is the centerpiece of the massive 12,000,000 ft.² Union Square commercial and residential development situated above Airport railway Kowloon station near Tsim Sha Tsui. The retail mall locates at the 3 level of podium and has total space over 1,000,000 ft.².
 Completion : 2007



▶ APM - Millennium City 5



Client : Sun Hung Kai Properties Ltd.
 Consultant : Sun Hung Kai Engineering Ltd.
 Building Type : Retail
 BMS Size : 4,000 points
 Scope of Work : Supply & Installation of BMS/ Supply of ATC System
 Description : Millennium City 5 is the flagship intelligent commercial-retail complex of the Millennium City Development. The building comprises a total of over 1,300,000 ft.² gross area, including over 740,000 ft.² of office space and a 600,000 ft.² retail mall. The majority portion of the office tower, BEA Tower, was purchased by the Bank of East Asia as their back up operation centre.
 Completion : 2005



▶ Festival Walk, Yau Yat Tsuen



Client : Swire Properties Ltd.
 Consultant : J Roger Preston Ltd.
 Building Type : Retail
 BMS Size : 7,000 points
 Scope of Work : Supply & Installation of BMS, ATC, Security & CCTV System
 Description : Festival Walk is one of the biggest commercial development in Hong Kong. The whole development consists 100,000 m² retail centre, 23,000 m² office space, 40,000 m² basement with 830 car park spaces. Festival Walk retail centre comprises over 250 outlets, including a 2,000 seat 11-screen cinema, restaurants, ice skating rink and exhibition areas.
 Completion : 1998



▶ Vision City / Citywalk, Tsuen Wan



Client : Sino Group
 Consultant : Wong & Ouyang (BS) Ltd.
 Building Type : Retail
 BMS Size : 1,800 points
 Scope of Work : Supply of ATC System
 Description : The development comprises 5 residential towers with 180,000 ft.² clubhouse facilities and a three-storey shopping mall over 300,000 ft.² shopping area.
 Completion : 2007



▶ One Central, Macao



Client : Hong Kong Land Co, Ltd./
 Shun Tak Holdings, Ltd.
 Consultant : J Roger Preston Ltd.
 Building Type : Retail
 BMS Size : 6,000 points
 Scope of Work : Supply & Installation of BMS and In-room control System, and supply of ATC System
 Description : One central is conveniently located in the heart of Macau next new Wynn Macau and MGM Grand Macau. The mixed-use development is built along the side of Nam Van Lake and comprises 7 towers of luxury residential apartments and one tower of service apartment and hotel operated by Mandarin Oriental Hotel Group. These 8 towers sit on a podium with 400,000 ft.² of shopping center, car park and clubhouse.
 Completion : 2009



▶ Macau Fisherman's Wharf



Client : M&F Worldwide Corp. (MFW)
 Consultant : Jepsen Consultants & Engineering Co Ltd.
 Building Type : Retail
 BMS Size : 3,500 points
 Scope of Work : Supply & Installation of BMS System
 Description : Macau Fisherman's Wharf project is the first of its kind of themed entertainment attraction in the tourism market of Macau, a combination of entertainment, retail, food and convention facilities. This complex is located at Macau outer harbour, occupying a total floor area over 1,000,000 ft.².
 Completion : 2007



▶ Ocean Terminal, Harbour City

Client : The Wharf (Holdings) Ltd./ Harbour City Estates Ltd.
 Consultant : Parsons Brinckerhoff (Asia) Ltd./ Lam & Associates Engineers Ltd.
 Building Type : Retail
 BMS Size : 500 points
 Scope of Work : Supply of BMS & ATC System
 Description : Ocean Terminal shopping mall locates in the lower three floors of the cruise terminal building and is part of the Harbour City shopping complex. The shopping mall was fully refurbished from 2002 to 2005.
 Completion : 2005



▶ Citygate at Tung Chung



Client : Newfound World Ltd. (Swire/ SHK/ MTR)
 Consultant : Parsons Brinckerhoff (Asia) Ltd.
 Building Type : Retail
 BMS Size : 10,000 points
 Scope of Work : Supply & Installation of BMS, ATC, Security & ELV System
 Description : Citygate development locates next to the Tung Chung MTR Station comprises a 15,000 m² 9-level office tower sitting on a 31,500 m² 4-level retail podium consisting of public transport terminus, cinemas, shopping arcades and a 39,000 m² 3-level basement car park.
 Completion : 2000



▶ Long Beach



Client : Hang Lung Properties Ltd.
 Consultant : Ove Arup & Partners HK Ltd.
 Building Type : Retail
 BMS Size : 550 points
 Scope of Work : Supply of BMS & ATC System
 Description : The development comprises 8 residential towers offering 1,829 units and a gross floor area of 142,150 m², with a 20,200 m² 4-level commercial and car parking podium, erected on Hoi Fai Road, West Kowloon.
 Completion : 2006



▶ Park Central, Tseung Kwan O

Client : Sun Hung Kai Properties/ Henderson Land Development Co. Ltd.
 Consultant : J Roger Preston Ltd.
 Building Type : Retail
 BMS Size : 1,500 points
 Scope of Work : Supply of BMS & ATC System
 Description : Park Central is located next to the Tseung Kwan O MTR Station. The whole development comprises 11 residential blocks, a 250,000 ft.² podium, garden and club house, as well as a 360,000 ft.² shopping center.
 Completion : 2003



▶ Kwai Chung Shopping Centre



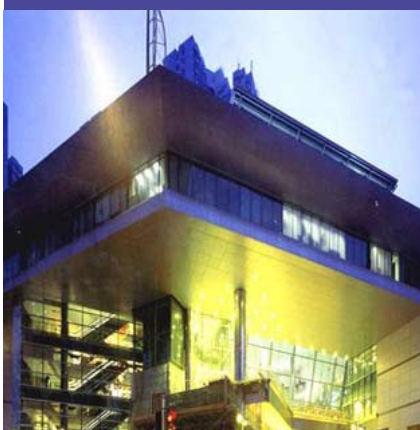
Client : Housing Authority
 Consultant : Maunsell E&M Consultants Ltd.
 Building Type : Commercial
 BMS Size : 1,000 points
 Scope of Work : Supply of ATC System
 Description : This 3-storey shopping centre accommodates a market on the ground floor with area about 800 m² and an air-conditioning shopping mall on the first and second floor with a total retail space of about 5,862 m² for various retail and service trades.
 Completion : 2004



▶ Lung Cheung Mall at Wong Tai Sin



Client : Housing Authority
 Consultant : Meinhardt (M&E) Ltd.
 Building Type : Retail
 BMS Size : 2,000 points
 Scope of Work : Supply of BMS, ATC & VAV System
 Description : Lung Cheung Mall is conveniently situated next to the popular Wong Tai Sin Temple and is designed as a 4-storey building with a total lettable space of 11,000 m², providing a large variety of retail shops.
 Completion : 2002



▶ Kai Tin Shopping Centre, Lam Tin



Client : Housing Authority
 Consultant : Housing Authority
 Building Type : Retail
 BMS Size : 1,000 points
 Scope of Work : Supply of BMS & ATC System
 Description : The centrally air-conditioned shopping centre has seven-storey retail shops, providing a total lettable retail area of about 17900 m² for a wide range of trades including bank, Chinese restaurant, fast food, specialty restaurant, supermarket, bakery, convenience store and a single-operator market.
 Completion : 1999



▶ Sheung Tak Shopping Centre, Tseung Kwan O



Client : Housing Authority
 Consultant : Housing Authority
 Building Type : Retail
 BMS Size : 1,500 points
 Scope of Work : Supply of BMS & ATC System
 Description : Sheung Tak Shopping Centre is a 3-storey centrally air-conditioned building with a total retail space of approximately 10,164 m². Over 80 retail shops of wide range of trades are in operation including a Chinese restaurant, fast food shop, supermarket, bank, convenience store, off-course betting centre, clinic, post office and various retail shops.
 Completion : 1998



▶ HSBC Centre, MTR Olympic Station



Client : HSBC Group
 Consultant : Parsons Brinckerhoff (Asia) Ltd.
 Building Type : Bank
 BMS Size : 6,000 points
 Scope of Work : Supply & Installation of BMS & ATC System
 Description : HSBC centre locates next to the MTR Olympic station and comprises one 14-storey tower and two 15-storey office towers sitting on a 2-level podium and a 2-level car park basement.
 Completion : 2000



▶ Standard Chartered Bank Headquarter

Client : Standard Chartered Hong Kong
 Consultant : Excel Engineering & Technology Ltd.
 Building Type : Bank
 BMS Size : 2,000 points
 Scope of Work : Replacement of existing Johnson BMS system
 Description : Standard Chartered Bank Building was completed in May 1990 with a total floor area of 400,000 ft.². This building is the headquarter of Standard Chartered Bank which is one of the leading international bank in Hong Kong with a global network more than 600 offices in 40 countries.
 Completion : 1999



▶ Chong Hing Bank Centre, Central



www



Client : Chong Hing Bank Investment Ltd.
 Consultant : P&T (M&E) Ltd.
 Building Type : Bank
 BMS Size : 1,500 points
 Scope of Work : Supply & Installation of BMS & ATC System
 Description : Chong Hing Bank Centre situated in the heart of Central and is the flagship property of Chong Hing Group. The building has been redeveloped into a 28-storey modern office building with total gross floor areas over 100,000 ft.² and is also the head office of Chong Hing Bank.
 Completion : 2007



► Four Seasons Hotel



Client : Sun Hung Kai Properties Ltd./ Henderson Land Development Co. Ltd./ MTR Corporation Ltd.
 Consultant : J Roger Preston Ltd.
 Building Type : Hotel
 BMS Size : 8,000 points
 Scope of Work : Supply & Installation of BMS System
 Description : Four Seasons Hotel located on the west portion of the HK station development and is a six-star hotel & suites development with over 1,000 rooms in twin towers. Four Seasons Hotel Hong Kong's waterfront position, overlooking Victoria Harbour and the central business district, will place international business and leisure travelers in the heart of all that Hong Kong has to offer.
 Completion : 2005



► Pacific Place Service Apartment



Client : Swire Properties Ltd.
 Consultant : Wong & Ouyang (HK) Ltd.
 Building Type : Hotel
 BMS Size : 8,000 points
 Scope of Work : Supply & Installation of BMS, Security, CCTV, ELV and Structural Cabling System
 Description : Pacific Place Service Apartment (Parkside) is one of the finest service apartment in Hong Kong located at Pacific Place. It situated on the 11th to 37th floors of the Conrad International tower, providing 243 furnished service suites. The suites with size ranges from 1220 to 2650 ft.² with central air-conditioning and are fully furnished with finest furniture & fittings.
 Completion : 2005



► Peninsula Hotel

Client : Hong Kong & Shanghai Hotels Ltd.
 Consultant : J Roger Preston Ltd.
 Building Type : Hotel
 BMS Size : 4,500 points
 Scope of Work : Supply & Installation of BMS & ATC System
 Description : Peninsula Hotel is one of the finest hotel in Hong Kong with 300 guest rooms located at Tsimshatsui. The 30 storey new block is an expansion to existing Peninsula Hotel and it comprises office floors from 9/F to 15/F, guest rooms, restaurants and other hotel facilities.
 Completion : 1993



► Hotel LKF

Client : Carry Win Ltd./ Rhombus International Hotels Group Inc.
 Consultant : Parsons Brinckerhoff (Asia) Ltd./ Far East Consulting Engineers Ltd.
 Building Type : Hotel
 BMS Size : 800 points
 Scope of Work : Supply of BMS & ATC System
 Description : A 30-storey high, 12,500 m² hotel development including 95 nos. of unique contemporary design hotel suits and 10-storey of the trendiest and "joie de vivre" food and beverage bars sited at Wyndham Street, Central.
 Completion : 2006



▶ Atrium Hotel, Pacific Place



Client : Swire Properties Ltd.
 Consultant : Wong & Ouyang (HK) Ltd.
 Building Type : Hotel
 BMS Size : 4,000 points
 Scope of Work : Supply & Installation of BMS, Security, ELV, Structural Cabling and In-room Control System
 Description : The Atrium is a service apartment which occupies floors 37 to 50 above the J.W. Marriott Hotel Hong Kong in Pacific Place and offers 136 furnished serviced suites of size from 606 to 3,388 ft.². The service apartment is now being renovated to a new 117-room luxury hotel to be managed by Swire Hotels.
 Completion : 2009



▶ Nethersole Hospital



Client : Hospital Authority
 Consultant : J Roger Preston Ltd.
 Building Type : Healthcare
 BMS Size : 8,000 points
 Scope of Work : Supply & Installation of BMS & ATC System
 Description : Nethersole Hospital is located at Tai Po and the whole complex consists of hospital providing 642 beds for in-patients, specialist polyclinic, nursing centre and administration centre. Total floor area over 58,000 m².
 Completion : 1996



▶ Tuen Mun Hospital



Client : Hospital Authority
 Consultant : Electrical and Mechanical Services Department
 Building Type : Healthcare
 BMS Size : 50,000 points
 Scope of Work : Replacement of existing Sauter CCMS in Tuen Mun Hospital (TMH); and design, supply and installation of new c-CCMS in TMH for integrating with existing CCMS in NTW cluster hospitals and clinics
 Description : Tuen Mun Hospital (TMH) serves as an acute regional hospital for Tuen Mun and Yuen Long districts and the northern region of the New Territories West with 1,405 beds. The NTW cluster hospitals for this projects include Castle Peak Hospital, Tuen Mun Polyclinic, Ambulance Care Center and Butterfly Beach Laundry. The existing CCMS are from Johnson, Siemens, Honeywell and Andover.
 Completion : 2009



▶ Queen Mary Hospital



Client : Hospital Authority
 Consultant : Architectural Services Department
 Building Type : Healthcare
 BMS Size : 800 points
 Scope of Work : Supply of BMS & ATC System
 Description : Queen Mary's Hospital is one of the largest acute regional hospital in Hong Kong. The main block (ward A, B, C, D, E, F & H) and, Block L & Block J were renovated between 1991/1993 and Satchwell BMS was installed in 1993. The system was further extended to Block J, which was an extension completed in 1998.
 Completion : 1998





▶ Hong Kong Sanatorium & Hospital Phase 3 Development



Client : Hong Kong Sanatorium & Hospital
Consultant : Far East Consulting Engineering Ltd.
Building Type : Healthcare
BMS Size : 1,200 points
Scope of Work : Supply & Installation of BMS System
Description : The Hong Kong Sanatorium & Hospital is a private general hospital established in 1922 in Happy Valley. It is one of the most famous hospitals, renowned for its high quality hospital services and comfortable accommodation for patients. The hospital has more than 400 beds and various room types and facilities. The existing Phase 1 & 2 comprises 3 blocks with a total floor area of over 30,000 m² and the Phase 3 development is the additional 20 floors (18/F – 38/F) built on top of Phase 1 main block building.
Completion : 2008



▶ Tang Shui Kin Hospital (Community Ambulatory Care Centre)



Client : Hospital Authority
Consultant : Architectural Services Department
Building Type : Healthcare
BMS Size : 1,200 points
Scope of Work : Supply of BMS & ATC System
Description : The Tang Shui Kin Hospital is located next to Ruttonjee Hospital in Wanchai and was undergone remodeling in 2002 into a Community Ambulatory Care Centre. The existing building comprises 2 blocks with a total of 10 storeys. The remodeling works retained only the 36 years old building structure and involved complete refurbishment of the whole building with contemporary architectural design and new facilities to accommodate the latest medical equipment for the centre.
Completion : 2005



▶ HSBC Data Centre at TKO



Client : The Hongkong and Shanghai Banking Corporation Ltd.
Consultant : Meinhardt (M&E) Ltd.
Building Type : Data Centre
BMS Size : 12,000 points
Scope of Work : Supply & Installation of BMS & ATC System
Description : The new HSBC data center, situated at Tseung Kwan O Industrial Estate, is one of the largest data center in Asia with area over 100,000 ft.² The project comprises a 3-storey main data center block for housing their IT infrastructure and a 4-storey technology block as office for their IT operation staff.
Completion : 2007



▶ MEGA iAdvantage Internet Data Centre



Client : iAdvantage Ltd.
Consultant : J. Roger Preston Ltd.
Building Type : Data Center
BMS Size : 12,000 points
Scope of Work : Supply of BMS, ATC and Water Leakage Detection System
Description : iAdvantage is the leading facility management and co-location service provider in Asia Pacific. The Mega-i-Advantage building, which is located in Chai Wan Hong Kong, is one of the largest Internet Service Centre building in the world with 24 storey of ISC floors and area over 350,000 ft.², and is designed to host over 10,000 racks. The data center is equipped with state-of-the-art facilities and is engineered to meet the stringent industry standards.
Completion : 2001



▶ Hutchison Global Crossing Data Centre



Client : Hutchison Global Crossing Ltd.
 Consultant : Wong & Ougang (BS) Ltd.
 Building Type : Data Centre
 BMS Size : 800 points
 Scope of Work : Supply of BMS & ATC System
 Description : Hutchison GlobalCenter, a subsidiary of Hutchison Whampoa and U.S. telecom carrier Asia Global Crossing, offers the world's leading data center facilities and first-class systems management solutions to companies in Hong Kong. Located in 2/F Somerset House of Quarry Bay, Hong Kong, the 40,000 ft.² data center offers unrivaled global connectivity, reliable, flexible and scalable IT-sensitive solutions.
 Completion : 2000



▶ Powerbase Data Centre



Client : PCCW-HKT DataCom Services Ltd.
 Consultant : Parsons Brinckerhoff (Asia) Ltd.
 Building Type : Data Centre
 BMS Size : 800 points
 Scope of Work : Supply of BMS & ATC System
 Description : Powerbase, a leader in the IT industry, offers a comprehensive line of products and services on e-business. The Powerbase Internet Data Centers located in 7/F & 8/F of Somerset House in Quarry Bay, with of approximately 60,000 ft.² area, offers state-of-the-art facilities with uninterrupted power supply, precise environmental control, 24 x 7 facility monitoring and security protection.
 Completion : 2001



▶ Data Centres of Hongkong International Terminals



Client : Hongkong International Terminals (HIT)
 Consultant : Design & Build by ATAL
 Building Type : Data Centre
 BMS Size : 300 points
 Scope of Work : Supply & Installation of BMS, Security, CCTV and ELV System
 Description : There are 4 data centres located at different buildings in Kwai Chung container port. The data centres are the core IT infrastructures of HIT and equipped with the latest precision air-conditioning, electrical distribution, UPS, fire and water detection system.
 Completion : 2006



▶ HSBC MTY Building Kowloon Bay

Client : The Hongkong and Shanghai Banking Corporation Ltd.
 Consultant : J Roger Preston Ltd.
 Building Type : Data Centre
 BMS Size : 450 points
 Scope of Work : Replacement of existing Johnson BMS system
 Description : MTY Building is the treasury building for HSBC Bank located in Kowloon bay. The building is a low-rise 4-storey building with data center, office for operation staff and also the treasury of the bank.
 Completion : 2007





► PCCW Telephone Exchanges



Client : PCCW Ltd.
 Consultant : various
 Building Type : Telecom
 BMS Size : 15,000 points
 Scope of Work : Supply & Installation of BMS & ATC System
 Description : PCCW is the largest telecommunication services provider in Hong Kong which has over 100 major telephone exchange buildings. Since 1987, PCCW (formerly as HKT) has been using our BMS to control and manage their telephone exchanges and offices. Nowadays, a total of 40 telephone exchange buildings have been installed with our BMS and all are linked up back to the BMS Control Center in East Exchange Tower through high speed broadband connection for 24 hours remote monitoring.
 Completion : From 1987 to Now



► HKCEC Extension



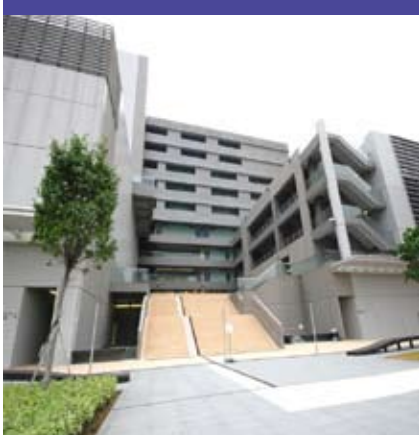
Client : Trade Development Council
 Consultant : Wong & Ouyang (BS) Ltd.
 Building Type : Exhibition
 BMS Size : 10,000 points
 Scope of Work : Supply & Installation of BMS, ATC, Radio System & Car park Control
 Description : HKCEC extension is built on a reclaimed island north of the existing HKCEC and is an expansion of existing convention and exhibition facilities to meet future demands. The whole building consists of 32,000 m² floor area including of exhibition halls, restaurant, car parks and office.
 Completion : 1997



► Macau Venetian Expo



Client : Las Vegas Sands
 Consultant : Parsons Brinckerhoff (Asia) Ltd.
 Building Type : Exhibition
 BMS Size : 7,000 points
 Scope of Work : Supply & Installation of LonWorks based DDC Control for HVAC System
 Description : The Venetian Macao is a casino resort hotel complex development with a total construction area in the range of 1,000,000 m² in Cotai Macau. The Exposition Centre is one of the major elements of the development and consists of one level of basement car park; 2 levels of expo halls; and a roof for sitting of equipment. The total floor area for expo centre is about 180,000 m².
 Completion : 2007



► Tsing Yi VTC Extension



Client : Tsing Yi VTC
 Consultant : Parsons Brinckerhoff (Asia) Ltd.
 Building Type : Education
 BMS Size : 1,100 points
 Scope of Work : Supply of BMS & ATC System
 Description : The project comprises one new 13-storey block for School of Business and Information System, one 4-storey canteen extension and one single storey library extension at Ting Yi Campus of Hong Kong Institute of Vocational Education.
 Completion : 2004



▶ HKU SPACE Po Leung Kuk Community College



Client : HKU Space & Po Leung Kuk Community College
Consultant : Parsons Brinckerhoff (Asia) Ltd.
Building Type : Education
BMS Size : 2,000 points
Scope of Work : Supply of BMS & ATC System
Description : HKU SPACE Po Leung Kuk Community College is a purpose-built College campus located within Po Leung Kuk at Leighton Road in Causeway Bay. The 19-storey campus building covers a gross floor area of approximately 17,000 m², and will be equipped with state-of-the-art teaching and learning facilities and supported by advanced computing network system. It has 40 classrooms and lecture theatres which can accommodate over 2,000 students. In addition, ample space has been designated for students' self-learning and out-of-classroom activities.

Completion : 2008



▶ Bel-Air Residence



Client : Pacific Century Premium Development Ltd.
Consultant : Far East Consulting Engineers Ltd./ Wong & Ouyang (BS) Ltd.
Building Type : Residential
BMS Size : 12,000 points
Scope of Work : Supply of BMS & ATC System
Description : Bel-Air is a luxury residential development located on the Southwest edge of Hong Kong island. The development is split in three phases and provides over 300 nos. of luxury flats, duplex and houses with club house, car park and outdoor swimming pool facilities.

Completion : 2006



▶ The Arch

Client : Sun Hung Kai Properties Ltd.
Consultant : Parsons Brinckerhoff (Asia) Ltd.
Building Type : Residential
BMS Size : 5,000 points
Scope of Work : Supply of BMS & ATC System
Description : The Arch is located on top of the Airport Express Kowloon Station and comprises four blocks. The property offers 1,054 units and the clubhouse is located from 59/F to 62/F with indoor swimming pools and facilities.

Completion : 2006



▶ The Repulse Bay

Client : Hong Kong & Shanghai Hotels Ltd.
Consultant : Hong Kong & Shanghai Hotels Ltd.
Building Type : Residential
BMS Size : 1,000 points
Scope of Work : Supply & Installation of BMS & ATC System
Description : The Repulse Bay residential complex occupies the site of what was formerly the Repulse Bay Hotel. The luxury apartments are among the most prestigious addresses in the city. The Repulse Bay consists of four towers differing 68 fully-furnished duplex suites and 353 unfurnished apartments for long-term and short-term lease.

Completion : 1995





► KMB Bus Depot

Client : Kowloon Motor Bus Co. Ltd.
 Consultant : J Roger Preston Ltd.
 Building Type : Industrial
 BMS Size : 400 points
 Scope of Work : Supply of BMS, ATC & DVR System
 Description : The new KMB Lai Chi Kok Environmentally-friendly Bus Depot, located at No. 100, Hing Wah Street West in West Kowloon, has a total construction area of 54,000 m². The Depot is purpose built to provide maintenance for some 1,000 buses in the West Kowloon and South-West New Territories regions.
 Completion : 2002



► HAECO Base Maintenance Facility - CLK

Client : Hong Kong Aircraft Engineering Co. Ltd.
 Consultant : Meinhardt (M&E) Ltd.
 Building Type : Industrial
 BMS Size : 3,500 points
 Scope of Work : Supply & Installation of BMS & ATC System
 Description : Hong Kong Aircraft Engineering Company Limited (HAECO) is based at Hong Kong International Airport, Lantau which provides the services of maintenance, overhaul, repair, refurbishment and modification of aircraft, component parts and related equipment for Hong Kong and overseas airlines.
 Completion : Phase 1 in 1998 and Phase 2 in 2007



► Hong Kong Electric Headquarter



Client : Hong Kong Electric Co. Ltd.
 Consultant : Associated Consulting Engineers Ltd.
 Building Type : Utility
 BMS Size : 5,200 points
 Scope of Work : Supply of BMS, ATC & VAV System
 Description : Hong Kong Electric Headquarter locates at 44 Kennedy Road. The building has 12 storeys with 1-2 floors as car park, 3-11 floors as office and the top floor as recreation facilities for Hong Kong Electric staff.
 Completion : 2001



► HK Science Park Phase 2



Client : HK Science & Technology Parks Corporation
 Consultant : Meinhardt (M&E) Ltd.
 Building Type : Government
 BMS Size : 70,000 points
 Scope of Work : Supply & Installation of integrated BMS System
 Description : Hong Kong Science Park (HKSP), a 22-hectare state-of-the-art infrastructure on the Tolo Harbour waterfront in Pak Shek Kok, New Territories, provides a knowledge-based and campus-like environment where high-technology enterprises and talented people can converge to generate synergistic forces. Phase 2 development comprises 10 buildings with total gross floor area exceeding 95,000 m².
 Completion : 2008



► Education Resource Centre, Kowloon Tong



Client : Education Bureau of HKSAR
Consultant : Architectural Services Department
Building Type : Government
BMS Size : 6,000 points
Scope of Work : Supply of BMS & ATC System
Description : The development has a total GFA over 21,000 m² and is located at Kowloon Tong next to MTR station. The centre is equipped with conference facilities for seminars or workshops, offices area for Education Bureau staff and a Central Resources Centre and an Exhibition Gallery on the podium floor for the general public. In addition, the PTI serves as an interchange for public transport including franchised buses, green minibuses and cross boundary coaches.
Completion : 2006



► British Consulate General



Client : British Government
Consultant : Ove Arup & Partners HK Ltd.
Building Type : Government
BMS Size : 1,500 points
Scope of Work : Supply of BMS & ATC System
Description : The British Consulate General Hong Kong is British largest and is bigger than most British embassies. The building located at No. 1 Supreme Court Road, Hong Kong and consists of 3 main blocks: British Consulate, British Council and a Staff Quarters.
Completion : 1996



► Lok Ma Chau Boundary Crossing

Client : Customs & Excise Department
Consultant : Mott Connell
Building Type : Government
BMS Size : 500 points
Scope of Work : Supply of ATC System
Description : The boundary crossing building in Lok Ma Chau was undergone major refurbishment with new electrical and mechanical systems as well as new HVAC DDC control system.
Completion : 2004



► Kowloon Tong Fire Station cum Ambulance Depot

Client : Architectural Services Department
Consultant : Rankine & Hill (Hong Kong) Ltd.
Building Type : Government
BMS Size : 800 points
Scope of Work : Supply of BMS & ATC System
Description : The project comprised a 6-storey fire station-cum-ambulance depot and office building at Baptist University Road, Kowloon Tong.
Completion : 2007

