



The building block of your success



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Introduction

Since 1992, Newtech has been one of the market leaders in E&M systems and IT infrastructure for the data center and critical environment, providing consultancy, design, implementation, project, system and facility management.

Headquartered in Hong Kong, Newtech has extended its network to cover the Asia Pacific region, including Beijing, Shanghai, Guangzhou, Shenzhen, Singapore, Thailand, and Vietnam.

Our Objectives

Newtech strives to provide state of the art technology, innovative design and build, and IT management platform for data centers. We aim at delivering flexible modular design, zero latency, and sufficient energy efficiency, giving our clients the peace of mind to manage all critical environment.



Number of Offices: 8 locations



Number of Employees: 300+ staffs



DC Built Out Gross Area: 6,000,000+ sq. ft.



DC Facility Management Gross Area: 3,100,000+ sq. ft.



MVA Estimation: 400+ MVA

Milestones

1992

Newtech Technology headquarter established in Hong Kong.

1995
|
1996

Opened first China office in Guangzhou.

Opened Beijing office.

2002

Invited by the HK Government to participate in the “e-Government China 2002 Expo” in Beijing and was awarded the “Outstanding Award” by the committee.

2001

Opened South Asia office in Singapore and opened Shanghai and Chengdu offices in PRC.

2004

The Singapore office awarded the ISO9001:2000 Certification.

The Shanghai Municipal Construction and Management Commission awarded Newtech the Quality Certificate for meeting the stringent quality standards for construction enterprises.

2006

Newtech Technology was the first critical environment/IT infrastructure solutions provider in Hong Kong to be awarded the “Business Superbrands” status from the Superbrands Council.

2008

Newtech awarded “AAA” Credit Grade from the People’s Bank of China.

Newtech Singapore received ISO14001:2004 and OHSAS18001:2007 Certifications.

2007

In recognition of Newtech’s commitment to corporate citizenship, Newtech Group was recognized as “Caring Company” by the Hong Kong Council of Social Service and “Heart to Heart Company” by the Federation’s Youth Volunteer Network in Hong Kong.

Opened Ho Chi Minh City office in Vietnam.

2010

Newtech Facilities Management Limited obtained ISO9001:2008 Certification.

2011

Newtech Singapore awarded the prestigious Minister for Defense Awards (MiDAs) for its contribution to the country’s national defense, qualified by the Fire Services Department.

2013

Macro-Station Network Limited established. It monitors and manages data centers suite via the computerized 24x7 Building Management Systems (BMS).

2012

Newtech qualified as Class 1 and Class 2 Fire Service Installation Contractor in Hong Kong.

2014

Recognized for the first time by Hong Kong Productivity Council and the Committee on the Promotion of Civic Education, Newtech was honored to receive “The 5th Outstanding Corporate Citizenship for Enterprise” on its contributions to corporate social responsibility.

2015

Newtech received The Hong Kong Awards for Environment Excellence Wastewi\$e Label.

2016

Recognized by Mediazone, Newtech received the “Most Outstanding Data Center in Hong Kong” title in award ceremony of “Hong Kong’s Most Valuable Companies” (HKMVC).

2020

Newtech set up offices in Thailand, South Korea and Japan and hired local professionals to further expand our business footprint in Asia.

2018

iNAV DCIM solutions officially launched. It monitors both the IT and FM information of data centers, achieves business-oriented goals while optimizing the performance.

Services

Newtech has been committed to design and construct a new generation of digitalized data centers. Our team of professionals strives to provide our customers with flexible and comprehensive solutions to meet evolving IT development.

Scope of Work

- Turnkey Solutions for Critical Environment
- IT & Data Center Infrastructure Solution
- Interior Planning & E&M Service
- Intelligent Building System



What can Newtech Provide?

- 1 Space/E&M System Planning & Design
- 2 Builders Work & Decoration
- 3 Electrical System-UPS System & Diesel Generator
- 4 Chiller & Ventilation System-CRAC Unit
- 5 Fire Protection & HSSD System
- 6 Access Control & CCTV Security
- 7 IT Relocation & Structure Cabling
- 8 Full Range T&C & CFD Verification
- 9 Intelligent Building-Smart City & Digital Office Solution
- 10 On-going Maintenance Services

Critical Equipment & Specialty Products

Electrical System



UPS System



Dynamic UPS



Generator Set



UPS Battery System

Liquid Detection System



Water Detection System



Oil Leak Detection

Air-Conditioning and Mechanical Ventilation System



Oil-free Chiller



CRAC Unit



Rack Cooler Unit



Aisle Containment

Security System



CCTV



Access Control System



Fingerprint Cabinet Lock



Face Recognition

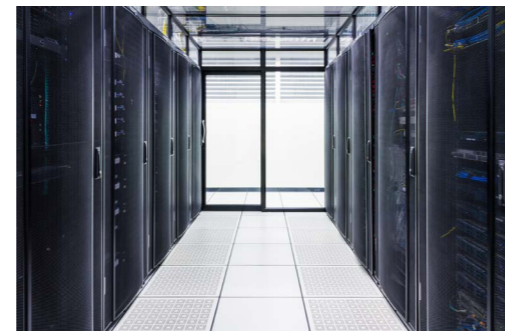
IT Products & Services



Structured Cabling



Network Switch



Rack System

Fire Protection System



Gas Suppression System



Pre-action Sprinkler System



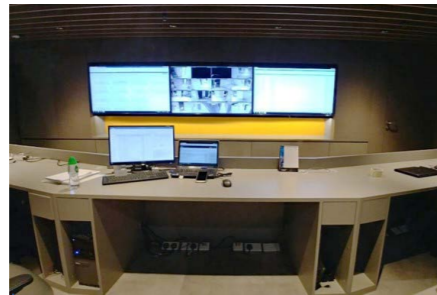
Early Stage Smoke Detection System

Our Strength

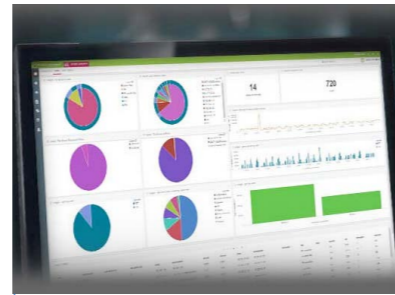
NOC & DCIM System



Network Operation Center

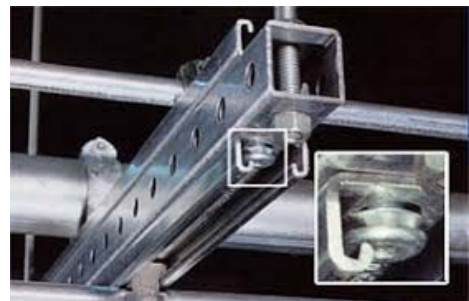


NOC Console

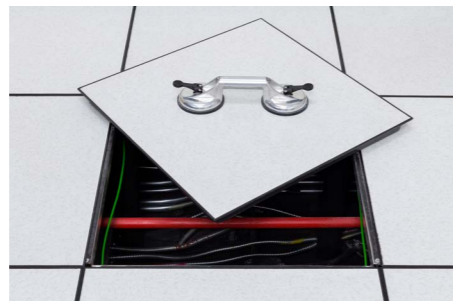


iNAV DCIM System

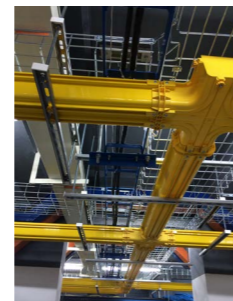
Building Materials



Structural Ceiling Grid System



Raised Floor System



Cable Ladder

Clean Room Specialty Products



Cleanroom Consulting



Clean Air Engineering



Turnkey Construction

Green Technology

In support of “green technology”, Newtech is committed to design and construct the new generation of data centers which minimizes power consumption and carbon emission. Our system design aims at low power usage effectiveness (PUE) to attain the Green Grid standards. In addition, our design is guaranteed to meet LEED and ISO 14001 standards according to customers’ requirement.

Computational Fluid Dynamic

Newtech pioneered in providing Computational Fluid Dynamic (CFD) technology, including 3D analog airflow forecasting, temperature changes, and distribution. It ensures effective air-conditioning system design.

Building Information Modeling

Building Information Modeling (BIM) by Newtech is a simple and effective solution for planning, designing, and construction of data centers. BIM is an intelligent 3D model-based process that provides architecture engineers and construction professionals the insights and tools to enhance data centers’ efficiency.

Data Center Infrastructure Management

iNAV DCIM is a unified solution for data center implementation, monitoring, and management. This intelligent solution specializes in providing a flexible platform, automatic reporting system and effective communication channels with 3D visualization of IT assets, facilities, and the environment to address the need for high availability, security, efficiency, and integration.



The eight modules in iNAV-Newtech Data Center Infrastructure Management (DCIM) Solution is overseeing both IT and physical infrastructure management in a unified approach. It provides flexible platforms, automatic reporting systems and effective communication channels with 3D visualization.

Project Showcase

Financial Institutions

 中国农业银行 AGRICULTURAL BANK OF CHINA Agricultural Bank of China	 Bank of America Bank of America	 中國銀行 BANK OF CHINA Bank of China	 交通銀行 BANK OF COMMUNICATIONS Bank of Communications	 BEA 東亞銀行 Bank of East Asia
 BARCLAYS Barclays	 中民金融 CM Financial CM Financial Investment Management Limited	 中國銀行業監督管理委員會 China Banking Regulatory Commission	 中國建設銀行 China Construction Bank	 廣發銀行 CGB China Guangfa Bank
 創興銀行 Chong Hing Bank Chong Hing Bank	 citi Citi Bank	 CREDIT SUISSE Credit Suisse	 星展銀行 DBS DBS Bank	 大新銀行 DAH SING BANK Dah Sing Bank
 Goldman Sachs Goldman Sachs	 恒生銀行 HANG SENG BANK Hang Seng Bank	 HONG KONG INTERBANK CLEARING LIMITED 香港銀行同業結算有限公司	 Hong Kong Monetary Authority	 ING ING Bank
 JPMORGAN CHASE & CO. JPMorgan Chase & Co.	 KBC KBC Financial Products HK Ltd	 MACQUARIE Macquarie Bank	 Morgan Stanley Morgan Stanley Asia Ltd	 中國華安投資有限公司 SAFE Investment Company Ltd Safe Investment Company Ltd
 SECURITIES AND FUTURES COMMISSION 證券及期貨事務監察委員會	 浦發銀行 SPD BANK Shanghai Pudong Development Bank	 SGX SINGAPORE EXCHANGE Singapore Exchange Ltd	 SOCIETE GENERALE Societe Generale Group	 BNY MELLON The Bank of New York Mellon Corporation
 香港按揭證券有限公司 The Hong Kong Mortgage Corporation Limited	 UOB 大華銀行 United Overseas Bank	 VISA Visa International	 富滙證券 WealthLink Securities Limited Wealth Link Securities Ltd	

Insurance

 AXA AXA Asia Regional Centre Pte Ltd	 AIA American International Assurance Ltd	 Bupa Bupa (Asia) Limited	 CHUBB® Chubb Limited	 FTLlife 富通保險 FTLife Insurance Company Limited
 香港人壽 hong kong life Hong Kong Life Insurance Limited	 Sun Life Financial Sun Life Financial Hong Kong Ltd.	 PRUDENTIAL 英國保誠 The Prudential Assurance Co Ltd		

Telco

 AT&T AT&T Inc.	 BT BT Singapore Pte Ltd	 中國移動 China Mobile China Mobile Limited	 China unicom 中國聯通 China United Network Communications Group Co., Ltd	 中國電信 CHINA TELECOM China Telecom Corporation Limited
 澳電 cem Companhia de Telecomunicacoes de Macau S.A.R.L.	 GLOBAL CLOUD XCHANGE a RELIANCE company Global Cloud Xchange	 HKT Hong Kong Telecom	 NTT Communications Transform. Transcend. NTT Com Asia Ltd	 nwt 新世界電訊 new world telecom New World Telecommunications Limited
 PCCW® 電訊盈科 PCCW Ltd	 RELIANCE Communications Reliance Communications	 Singtel Singapore Telecommunications Limited	 StarHub StarHub Limited	 superloop Superloop (Hong Kong) Limited
 TELSTRA Telstra Corporation Limited	 WTT Wharf T&T Limited	 iXTech iXTECH Limited		

IT System Integrator



Amazon Web services



Atos Origin



China Great Wall Computer Shenzhen Company Ltd



Digital China Holdings Limited



DXC Technology



Equinix Inc.



Google Inc.



Hitachi Ltd



IBM China Hong Kong Limited



Iron Mountain Inc



Microsoft Corporation



NVIDIA



OneAsia Network Limited



Ping An Technology (Shenzhen) Co., Ltd



Singapore Technologies Electronics Ltd

Manufacturing



Amkor Technology, Inc.



BP plc



California Texas Oil Company



Hasbro Inc.



Honeywell International Inc.



Johnson Controls International plc



Konica Minolta, Inc.



R-Pac Hong Kong Ltd



SAE Magnetics (Hong Kong) Limited



San Miguel Brewery Inc.



Shanghai Bright Dairy & Food Co Ltd



TDK Corporation



Toshiba Corporation



Want Want Group

Transportation & Logistics



Asia Container Terminals Ltd.



Cathay Pacific Airways Limited



Hong Kong Air Cargo Terminals Limited



Hong Kong Dragon Airline Ltd



Kowloon-Canton Railway Corporation



MTR Corporation Limited



Macao Light Rapid Transit Corporation, Limited



S.F. Holding Co., Ltd



Singapore Airlines Ltd

Government & Utilities



Airport Authority Hong Kong



Chinese University of Hong Kong



CLP Company Syndicate



HK Electric



Hong Kong Examinations and Assessment Authority



Hong Kong Jockey Club



Hong Kong Science & Technology Parks Corporation



Hong Kong Trade Development Council



Hospital Authority



Intellectual Property Office of Singapore



Ministry of Education



Ministry of Manpower



Office of the Telecommunications Authority



Singapore Land Authority



Singapore Police Force

Media



Bloomberg L.P.



Hong Kong Cable Television Limited



MediaCorp Technologies Pte Ltd



Next Digital Limited



Now TV



Sing Tao News Corporation Limited



Television Broadcasts Limited



Thomson Reuters Corporation



Singapore Power Limited



Singapore Sports Council



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