

NCWTECH型建科技通讯 September 1

Datacenter Dynamics



NewtechYour Reliable Critical Environment Infrastructure Enabler in Asia



- Data Centre Turnkey Solutions
- Clean Room Turnkey Solutions
- IT Infrastructure Solutions
- Space Planning & Interior Design
- Electrical & Mechanical Engineering

Scope of work:

- Site Survey
- Feasibility Study
- Consultancy
- Design
- Project Management
- Implementation
- Testing & Commissioning
- Training
- Facility Management





创建为 AFCO 亚洲代理

创建诚意推介美国 AFCO 高密度机柜及机柜管理方案。 AFCO专为精密环境及高密度数据中心设计及生产高质 机柜技术,以针对服务器散热问题。供应至亚太区的 机柜干日本生产,而安装基地遍及新加坡、香港、韩

采用,并为财金机构的数 据中心立下其标准指引。 而Max-IT引用 Kool-IT 技术,及高密度电线电源 管理,能为数据中心提供 更弹性解决方案。如同时 采用Kool-SCAN更可提供远 程监控,可调电源、热量和 其他精密环境的状况。



Newtech represents AFCO in Asia

Newtech Technology is proud to represent AFCO high density enclosure and rack management solution in the Asian region. To cope with the rapid increase of heat dissipation of servers, AFCO specially designs and manufactures of advanced enclosure technology for mission-critical and high density data centre environments. The product for Asia Pacific is manufactured in Japan and that AFCO has installed base in Singapore, Hong Kong, Korea and Sydney. The Kool-IT Advanced Equipment Cabinet has the world's largest installed base and is now specified as a data centre standard by many prestigious financial institutions worldwide. The Max-IT, is the newest scalable, high density enclosure combines Kool-IT technology with high density cable and power management, to give you a more flexible solution for your data centre. When equipped with Kool-SCAN the enclosures can be remotely monitored and adjusted for power status, thermal set points and other critical environmental conditions.

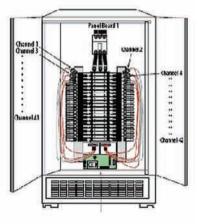
AFCO Engineered **Enclosure Systems**

创建代理 innovaTECH 精密电源管理系统



innovaTECH授予创 建其「精密电源管 理系统、于香港和中

国地区总代理资格。随著电脑和其他敏感负 载使用的增加,电源品质问题已广泛受到 业内关注。innovaTECH深明这一点,只需 在不间断电源系统的输出端安装一套精密 电源管理系统,即可避免或减轻由非线性 负载带来的问题。innovaTECH的精密电源 管理系统 (PPDC) 包括浪涌抑制器,隔离变 压器,输出配电柜,电源监控系统,分路 电源监控(BCM)及电脑级接地系统。



BCM Data Acquisition Board

Newtech Distributes innovaTECH PPDC

Newtech was recently appointed authorized distributor of innovaTECH Precision Power Distribution Centre for the Hong Kong and PRC region. With the increased use of servers and other sensitive loads, power quality issues have attracted concern from professionals of the industry, innovaTECH recognizes this and offers equipment at the output of UPS system to avoid or mitigate these problems due to non-linear loads. This equipment, Precision Power Distribution Centre(PPDC) includes surge suppressor, isolation transformer, output distribution switchboard, power monitoring system, branch current monitoring (BCM) and computer grade ground.

创建呈献 Assa Abloy 的全面安保方案

有否遇过遗失钥匙、复制匙泛滥等情况? Assa Abloy 一直关注此问题。经过不断的研究及改进,最终研 发智能电子锁胆"CLIQ"。CLIQ采用的锁胆及钥匙

结合了传统机械锁及高科技电子的 认证, 省却了安装门禁读卡机的繁 琐工序;再加上DES加密系统,达 至双重保安。其他特点还包括可预 校钥匙的有效启动时间及日期、个 别持匙者的出入纪录等等。此产品 尤适用于精密监控环境如数据中心 及电脑房,双重保险更安心。



assa abloy The World's Leading Lock Group

Newtech presents complete security solutions with Assa Abloy

Assa Abloy works all the time to develop its products in ways to satisfy the end-user requirements for security, safety, convenience and design. Doing away with the hassled wiring of card readers, the development of the

> intelligent CLIQ technology enables installing modern electronics into keys and cylinders, which are now programmable with the logging of individual in- and-out records coupled with the DES encryption feature, Assa Abloy guarantees double security. These complete security solutions are becoming ever more crucial to the mission critical environment.

DatacenterDynamics

一直以来,创建积极参与国际研讨会,将于十一月十六日在港举行的 Datacenter Dynamics 会议,创建更是黄金赞助商。一系列的 Datacenter Dynamics 会议在全球十四个城市举办,将在香港举行的研讨会更是筹办机构在亚太区的旗舰活动。会议将探讨精密监控环境之设计、兴建、以及7×24管理。届时,创建工程部总监秦志光副董事将联同Hogan集团首席运营官王仕峰先生以「如何在中国成功兴建数据中心」为题作演讲,并就创建位于上海50,000平方尺的数据中心项目,将有关经验和与会者分享。

Gold Sponsor 黄金寶助商

Datacenter Dynamics

Newtech is the Gold Sponsor of this year's international industry event – The DatacenterDynamics Conference. This leading event held in 14 cities worldwide and Hong Kong is the flagship event in the Asia Pacific. The conference will be held on November 16, 2006 in Hong Kong, involved in the design, construction and management of 24/7 mission critical IT facilities. It is the leading source for information and largest gathering of professionals. Mark Chun, Associate Director – Head of Engineering of Newtech, will deliver a solution seminar "How to build Data Centres successfully in China – A commercial & technical case study: Hogan Colocation Data Centre in Shanghai " together with the guest speaker, Mr Tom Wong, COO from Hogan Communications. During the seminar, Newtech will share the successful experience on how to build the 50,000 sqft data centre in Shanghai.



企业数据中心设备研讨会

作为业界的一份子,创建积极将我们在数据中心基建 的经验与有关行业分享。在九月十三日,创建赞助由

Facility Media 主办的 「企业数据中心设备 管理」研讨会,主讲 者包括创建工程服务 李百裕副董事,李先生 以「数据中心的限制」 一题和其他与会者分 享经验,交流心得。



Service to the land

Facility Media Seminar

Attended by data centre professionals, facility managers and experts from corporates, government bodies in Hong Kong, Newtech sponsored "Managing

Corporate Datacentre Facilites" seminar organized by Facility Media on September 13, 2006. Alex Li, Associate Director – Engineering Services was one of the panelists contributed to the forum discussion on "Physical Limitations of a Datacentre". It was an excellent platform to share experience, network and learn from one another.

亚洲通讯展 2006

今年六月于新加坡举行的亚洲通 讯展是亚洲最具规模的同类型展 览会,亦成为创建每年参与的活 动之一。为期四天的展会展示最 先进的产品,吸引不少业内人士 到场参观。创建在展场中展示数 据中心基建方案,参观者都甚感 兴趣并收到不少查询。

CommunicAsia 2006



The CommunicAsia 2006 held in Singapore in June this year showcased the most up-to-date Communications & IT technologies and attracted trade professionals under one roof. Newtech has not missed the wave of this industry event in the region. As a major market player, Newtech displayed the data centre turnkey solution during the four-day exhibition and attracted a great deal of interest from the visitors.

盈科保险

一直以来,创建与电讯盈科集团合作无间。最近, 电盈旗下的盈科保险搬迁至上环永安中心,并再次委 任创建为其设计和兴建其数据中心。数据中心包括电 脑房、话音系统室、控制室和印刷室。设备包括不间 断电源系统、恒温恒湿空调系统、FM200系统、漏水 报警系统和设施监察系统。

Pacific Century Insurance

As a PCCW business partner, Newtech continued to provide critical infrastructure turnkey solution to the Group. Recently, Pacific Century Insurance was relocated to Wing On Centre in Sheung Wan and Newtech was again appointed to design and build their new Data Centre included a server room, PABX room, console room and printer room. Major equipment included UPS, CRAC units, FM200 system, water leakage system and facility monitoring system.

Movie City in Tseung Kwan O

Having carefully reviewed Newtech's track record and past references. Shaw's Studio chosen Newtech to design and build their three data centres. The data centres are expected to complete in December 2006 and will became the heart of the Studio's data processing.



将军澳邵氏影城

邵氏影城经过严格的甄选,并仔细了解创建的背景、 专业经验和过往服务的口碑,挑选创建设计及兴建其 三个位于将军澳邵氏影城的数据中心,该数据中心将 于今年十二月落成,投入服务后将成为邵氏新影城在 数据处理方面的枢纽。

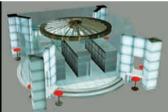
在上海兴建 50,000 平方尺数据中心

凭著丰富的国内经验和作为认可的国际级数据中心承 办商,创建获Hogan集团任命,为其提供50,000平方 尺一站式数据中心工程项目。

Hogan深明在国内兴建如此庞大的数据中心,将面对不 少困难。创建在国内建基多年,对国内的政治经济、 社会习俗、文化背景及工程的熟悉度,累积了不少实

战经验,并善用优势,无论在技 术及商务上都得到创建全力支持 和配合,尤其于前期的设计及筹 划阶段,双方都能跨越重重障碍, 整个项目使质量、成本控制及工 程进度均有保证。Hogan项目预 计明年二月竣工。





Hogan 50,000 sqft

data centre in Shanghai

With strong China capabilities and being recognized as a world class data centre provider, Newtech was assigned by Hogan Communications to provide turnkey solution for the 50,000 sqft data centre project.

By teaming up Newtech as the business partner for acquiring data centre expertise in both engineering and commercial support, Hogan successfully overcame great barriers and hurdles during the data centre design and planning stages, assuring quality, budget and schedule well under control.

> The successful experience is attributed to a mix of factors involving political, economical, social/cultural and engineering. The project will be finished in February 2007.



广东发展银行

经过激烈的竞争和严谨的评选过程,创建终以 周详的建议及丰富的经验,成功取得广东发展 银行总行的数据中心工程项目。该中心楼高七 层,占地逾40,000平方尺,座落广州越秀区。

系统方案包括提供一站式机房工程、装饰工程 及资讯科技基建方案,借以建立一个「规范、 安全、稳定可靠」的高操作效率及服务性中心 ,内容包括机电设备、IT构建及内部装饰。系统 设计亦以99.999%(五条九)可用性为目标。

同时,创建也完成广发银行总行2,500平方尺电 脑中心机房的改造工程,包括主机房、电房、 介质房,另进行加固工程,消防工程等,同时 提供400口六类铜线布线工程。

GuangDong Development Bank





GuangDong Development Bank invited tender for the design and building of data centre for its headquarters in Guangzhou. After rounds of competition, Newtech has the great honour of being awarded the contract. This 7-storey data centre occupied over 40,000 sqft is located in Yue Xiu District, Guangzhou.

Newtech will provide turnkey data centre infrastructure solution, interior design and IT infrastructure solution for its data centre with the concept of "High Standard, Safe and Reliable" and to achieve 99.999% reliability.

Apart from this project, Newtech completed the enhancement work for GDDB's 2,500 sqft data centre including its console room, electrical room, degaussing room, FM system and also provided to the bank with 400-port Cat6 structured cabling solution.

StarHub 发电机组升级

创建赢取 StarHub 发电机组升级工程,为其提供一台 2百万伏安的康明斯引擎及仕丹福发动机,此外,亦提

升大厦监察系统,并为新的2百万伏安和现有的两台1.25百万伏安发电机组提供电缆系统和燃油输送系统。

StarHub 再次聘用创建为 其提供服务是对我们服务 水平的一种肯定和鼓励, 我们将更悉力以赴。



Generator Upgrade for StarHub

Newtech won StarHub generator upgrade contract, in providing 1 set of 2MVA Cummins engine with Stamford alternator as well as upgrading the existing



building monitoring system and providing new cabling system and fuel transfer system for 1 set of 2MVA and two existing 1.25MVA generator sets.

StarHub's continued employment of Newtech is definitely a recognition and an encouragement to us for the quality of our services.



新加坡首个有机玻璃天花





The first Perspex ceiling in Singapore

Changi General Hospital has awarded Newtech the design and build data centre contract. The new data centre incorporated UPS system, CRAC units, FM200 system, water leakage system and facility monitoring system. As the data centre is located beneath a typical service road, this project provided a big challenge to Newtech. Customer concerned of water seepage and leakage and therefore a "transparent" ceiling was built. And this was the first Perspex ceiling in Singapore with water detection system protected.



AXA国卫保险

AXA国卫保险刚完成升级工程,计将 传统不间断电源系统升级至模块式电 源系统、电力分布系统提升,和将现 有的保安系统转为生物传感系统。对 于创建的服务,客户深表满意。



AXA Insurance

AXA Insurance gone through an upgrade exercise, included an upgrade of existing conventional UPS to modular type UPS; upgrade the existing power distribution unit and from the existing security system to biometric type. Customer is satisfied with the professional service Newtech provided.



获报业集团赞扬

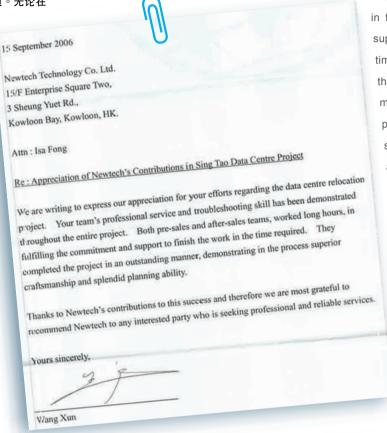
创建为一间本地新闻集团提供数据中心一站式方案, 工程竣工后,获得其集团资讯科技部主管特函赞扬, 所有团队成员均深感鼓舞。他说:「从我们的数据中 心工程,特别在解决问题的处理上,我们深深体验到 创建的专业服务及待客之道。无论在

前期工程,或售后 服务、不分昼夜及时 间,均以客为专,并 于指定时间内完成。 卓越的管理、细致的 工艺、专业的技术, 我们对创建的服务深 表赞赏。」

Accredited by local media

The team members of Newtech were highly lifted by the appreciation letter from the head of IT of a local media group after the completion of the Data Centre project. "Your team's professional service and troubleshooting skill has been demonstrated throughout the entire project. Both pre-sales and after-

> sales teams, worked long hours, in fulfilling the commitment and support to finish the work in the time required. They completed the project in an outstanding manner, demonstrating in the process superior craftsmanship and splendid planning ability."







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