



The “New Normal” that Shapes the Network and Data Center Infrastructure Market

The demand for data center infrastructure and network is steadily increasing as our society evolves. The closure of schools, work-from-home policies and social distancing drives the public to increasingly adopt online platforms.

As such, the demand for storing and processing data from the introduction of AI, cloud computing, IoT, and 5G coverage in Hong Kong will exponentially grow.

Digital transformation has entered a rapidly accelerating and urgency-driven phase following the COVID-19 pandemic.



SMEs in Hong Kong Invest in IT Resources

Today, the demand for cloud and other back-up solutions among companies and organizations is on the rise. Employees are using cloud platforms and online streaming services for communications as they may stay at home during the pandemic.

Hence, companies are looking for more comprehensive IT resources to support remote network access and actively preparing for workplace digitalization.

Riding on this skyrocketing development, Newtech has undertaken several consultancy and critical environment projects.



Project Updates

Robust Data Center Solution for Top-tiered Telecom Service Provider

As one of the market leaders in critical environments, Newtech has just delivered an all-rounded data center design and build solutions for a China-based world-wide telecommunication service provider.

This project covers a total of 3 data center halls, over 600 cabinets with a total contract sum of about HK\$100 million. The project scope includes design, management, processing official documents, and drawings submission, supply and installation of equipment, various stage testings and commissionings with a 12-month warranty and maintenance service package.



SMEs Expand their IT Resources

SMEs seize the opportunity to expand their IT resources as the demand for big data and IoT increased. Newtech was appointed by a Hong Kong based financial company as its main contractor for server rooms and IT structural cabling for their offices.

Due to the insufficient ceiling height, we faced challenges in installing equipment, structural cabling, and a high-density containment system. Newtech brought along a team of specialists to set up a total of 2,000 data ports and delivered the design and build services for their Kowloon Bay and Sheung Wan offices within three months and two months respectively.



At the same period, Newtech has deployed comprehensive critical environment design and build solutions for several other companies, namely Medtech, Westco, and Schindler Lifts.

Product Updates

Iglooworks Smart Locks

Newtech introduces Iglooworks smart locks which are inter-operable across multi-systems, providing access management through seamless remote control and audit trail from data center entrance down to the individual cabinet.

You can grant access, share, and re-set PIN code through the mobile device without any physical key constraints. Combining with an enterprise-grade smart dashboard in, it provides monitoring, user management, customized authentication, inventory hosting, and API/SDK integration.



1. Smart Padlock

- Hardened steel shackle
- Ruggedized shackle protector
- Interchangeable and convertible shackle
- Locking reminder alert
- Keypad lockout alarm



2. Smart Deadbolt

- Backlit keypad
- Bluetooth, algoPIN, and key access
- Dual-pin creation mode
- Tamper alarm
- Sensor re-lock



3. Keybox

- Key and access cards storage
- Easy retrieval
- Suitable for doorknobs, handles, and fences



4. Swing Handle Lock

- Protects servers from malicious or accidental tampering
- Compatible with enterprise dashboard
- Real-time audit trail of access, tracks, and reports



Newtech in W.Media Green Data Center Webinar

The concerns of energy consumption and environmental impact are overwhelming among data center operators. Green technologies and sustainable IT infrastructures are calling all parties' attention.

Our Founder and Managing Director, Charles Lee shares his unique insights on green data center and deal strategies across Southeast Asia markets in the captioned virtual panel discussion on 13th August. Also on the panel are Mr. Chang Cho, Founder and CEO of Onion Technology; Professor Wen Yonggang, Associate Dean (Research), College of Engineering, Nanyang Technological University, and Mr. Jay Weon Khym, Country Manager of Digital Realty.



Corporate Social Responsibility

Caring Company Certification by The Hong Kong Council of Social Service

Newtech was awarded the Caring Company emblem for the 14th consecutive year from The Hong Kong Council of Social Service.

Newtech pledges to continue caring for the well-being of the community, employees and the environment in the future. By implementing responsible policies, we will monitor our impacts and seek for improvements in social responsibilities.



Partnership for Educational Excellence from The Education University of Hong Kong

Legan Group is honored to receive the Partnership for Educational Excellence Award from The Education University of Hong Kong as a recognition for its continual effort in the Program of Leadership Enhancement for Serving Principals.

Newtech, a subsidiary of the Legan Group, supports this program by sharing business models, leadership knowledge, and experience with participating principals/vice-principals.



Recognition of Sight-restoring Contribution from Orbis

Funded by the Legan Group, the Legan Foundation supports Orbis to eliminate needless blind in developing countries. As a subsidiary of Legan Group, Newtech also supports Orbis's contributions in preventing and providing treatments for blindness.



Support Internet Learning by Donating IT Devices

Newtech, in collaboration with NGOs, including The Boys' and Girls' Clubs Association of Hong Kong, Love V Act, People Service Centre, and Yuen Long District Social Welfare Office, donated over a hundred computers and 500 data sim cards to students from low-income families to undertake e-learning at home during the pandemic.



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