

# Case Study

## BAC A - Bank

<b>Customer</b>	BAC A - Bank
<b>Location</b>	Hanoi, Vietnam
<b>Requirements</b>	A new Data Centre
<b>Equipment</b>	Excel Cat 6 cable, panels, modules, patch leads and OM3 fibre



North Asia Commercial Joint Stock Bank (BAC A Bank) was established in 1994 its mission is to provide a consultancy service and to cater to a new generation of sustainable business development, creating core values, bringing real value to the community and being environmentally friendly.

### The Requirement

BAC A Bank recognised that they needed a new state of the art Data Centre. One of the highest priorities for any bank is to ensure there is strong protection of highly sensitive customer data. They knew a brand new Data Centre was essential for the ongoing protection of their customer data and also for the continued future expansion of the whole banking group.

Once the bank had recognised their requirement, they then needed a solution partner to help them source the right products and also install the new state of the art system. Their ultimate goal is to build a standards compliant Data Centre in North Vietnam.

### Sourcing a Partner

N.E.T.S.Y.S Vietnam was established in 2005 and has contributed to the Information Technology Industry in Vietnam by providing effective solutions, cost-effective products and consultancy services. Staff at N.E.T.S.Y.S are highly skilled, experienced engineers and specialists who have gained certifications that are recognised worldwide.

N.E.T.S.Y.S is an official distributor for the Excel product range in Vietnam and the surrounding regions. They were chosen for the job due to their background and experience in the industry.

With past experience of deploying large networks, N.E.T.S.Y.S believe that the Excel products installed offer an exceptionally high quality system compared to Belden and Krone in the Vietnam marketplace.

### The Right Product

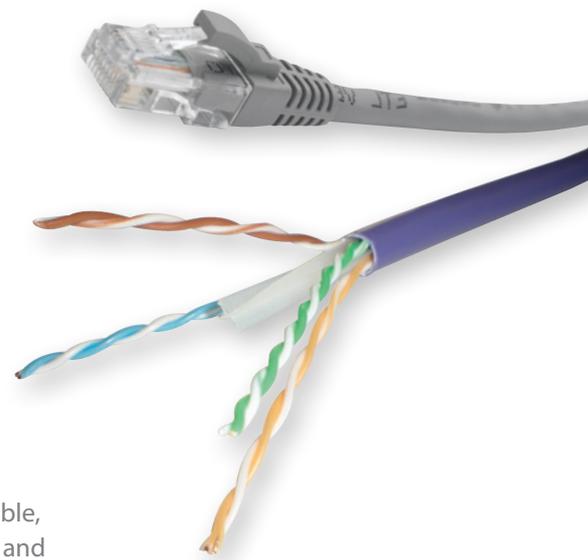
N.E.T.S.Y.S chose the Excel range of products to complete this project. The Excel product range provides an end-to-end solution. Performance and ease of installation are its foundation, along with standards compliance, reliability and product availability.

Excel offers one of the market's most comprehensive ranges of passive cabling products designed to suit installations in data centre, enterprise, campus, and manufacturing environments.

All Excel products come with third party verification, and offer an independent 'tick in the box', verifying either a product or a set of products' giving product and channel verification and compliance with a particular standard. Excel works closely with third party test laboratories such as Delta, ETL, and 3P.

Excel category 6 systems are amongst a handful in the industry with both channel and component verification. With component certification there is no hiding place. Each product is tested to meet the standard; this really is the ultimate performance test to promote third party verification for a brand such as Excel.

The Excel products installed into the Data Centre include Category 6 LSOH U/UTP cable, Category 6 patch panels and modules, Category 6 patch leads and OM3 patch leads and pigtailed.



Excel Category 6 UTP cable is designed for optimal support of high-speed data protocols delivering

1 Gbps performance to the workstation. It is designed to be quick and easy to install and the cable requires no specialist installation. The inclusion of a polyethylene cross filler ensures optimum cross talk performance.

The Excel keystone jack patch panel frames were then installed along with Excel keystone jack outlets which are extremely quick and easy to install.

## Design and Installation

Using a distribution topology commonly found in a Data Centre, N.E.T.S.Y.S was able to link the 13 server racks to the central distribution frame which in turn was linked to the networking rack using the Excel Category 6 cable.

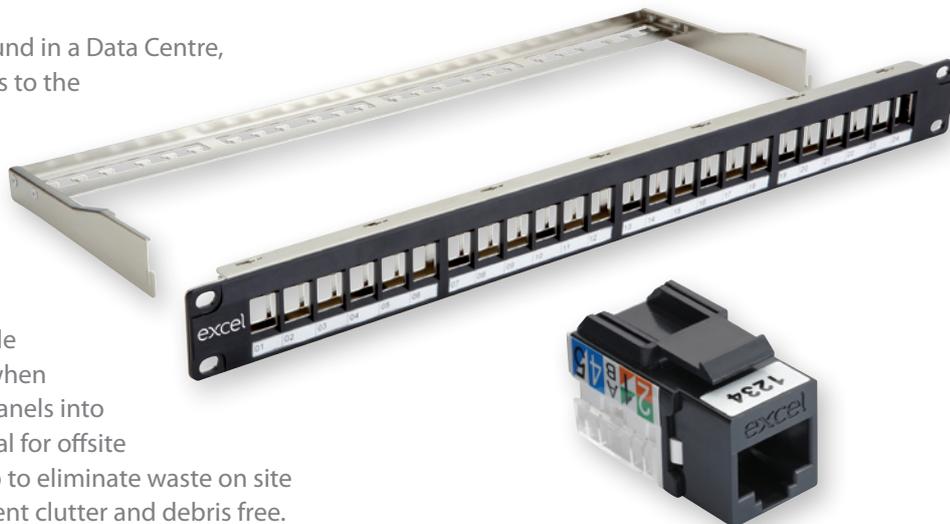
A modular system like the one used in this installation brings many benefits, especially when in a cabinet to cabinet Data Centre environment. The engineers were able to work outside of the cabinet space itself, when terminating and putting the modules and panels into place. These particular products are also ideal for offsite pre-terminated applications which also help to eliminate waste on site and help to keep the Data Centre environment clutter and debris free.

The installation took place throughout August and September 2012 and was carried out with the minimum amount of fuss and disruption to the banks day to day operations.

## The Result

The new Data Centre now provides a stable high speed network with the ability to manage the high levels of traffic which use the network on a daily basis. It also connects all servers to the bank networking system effectively.

Nguyen Thanh Nam of N.E.T.S.Y.S, who oversaw the project said, *"The Excel products that we used were easy to install into the new Data Centre quickly and effectively, more importantly they are easy for the Data Centre staff to manage. I would have no hesitation in specifying Excel for any future project i am involved with."*



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