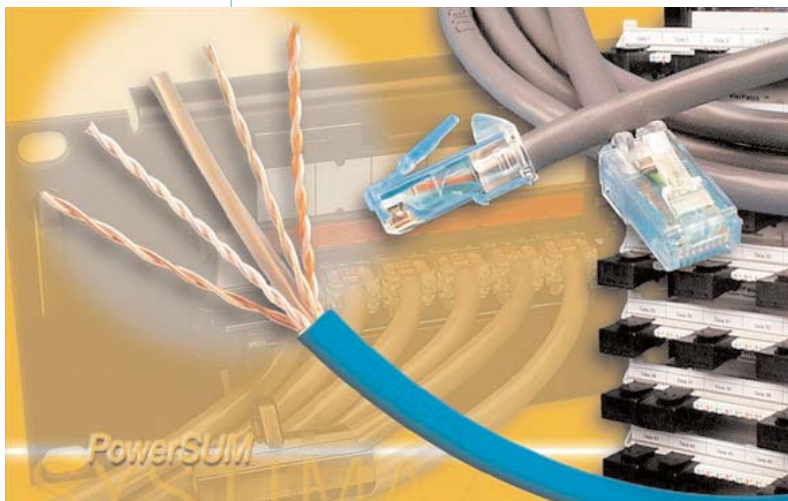


# SYSTIMAX® SOLUTIONS

## Dutch Ministry Looks to the Long-term with SYSTIMAX® Solutions

**When the Ministry of Transport, Public Works and Water Management for The Netherlands needed new cabling for its headquarters in The Hague, it wanted a long life expectancy and long-term guarantees. To meet this need, the Ministry turned to SYSTIMAX® Structured Connectivity Solutions (SCS) and one of its BusinessPartners, Getronics Infrastructure Solutions.**



Central functions of the Ministry of Transport, Public Works and Water Management include development of transport, water and telecommunications policy, and ensuring this is implemented and observed. Its responsibilities range from operating the Zeeland sea gates to the sale of UMTS licenses. To support these activities, SYSTIMAX Solutions™ and Getronics provided SYSTIMAX® SCS with 7,200 outlets connected via seven communications rooms for The Ministry's headquarters on Plesmanweg.

This building complex, which houses more than 1,200 people, was originally built for the airline, KLM, between 1930 and 1947. It was taken over by the Ministry in 1969 and, since then, the buildings have been renovated and extended several times.

### Challenge

Commenting on the cabling project, Walter van Klink, head of the Ministry's Communication, Information Technology and Technical Services Department said: "The biggest challenge was to implement a new cabling system with minimum disruption in a fully operational environment. During the renovation, business had to continue as usual with as little inconvenience as possible."

After a Europe-wide invitation for tenders and selection rounds, Getronics was commissioned to design, install, manage and maintain a SYSTIMAX structured cabling system for the building. During the tender phase, an implementation period of nine months was discussed. After the commission, an implementation period of six months was jointly agreed upon.

**SYSTIMAX® Structured Connectivity Solutions**

“The Ministry had a number of functional demands including that the network should be future proof. SYSTIMAX SCS offered long economic life expectancy and, also importantly, it offered the correct price/quality/performance ratio.”

*Walter van Klink, head of the Ministry's Communication, Information Technology and Technical Services Dept*

This was made possible by continuous co-ordination of all parties and short communication lines. External consultants, Expanding Visions, working together with the internal and external project leaders, played a prominent role in the success of this process.

#### Best choice

"The Ministry had a number of functional demands including that the network should be future proof," said van Klink. "SYSTIMAX SCS offered long economic life expectancy and, also importantly, it offered the correct price/quality/performance ratio."

To meet the requirement, the SYSTIMAX GigaSPEED Solution was selected. This UTP cabling delivers end-to-end throughput in the gigabit range. At the Ministry, it is used together with VisiPatch™ patching hardware. The VisiPatch System combines the established SYSTIMAX 110 IDC (Insulation Displacement Connector) technology with some innovative features. Its advantages include easier administration of connections and space saving.

The VisiPatch System uses a lightweight panel that can be wall-mounted without racking. As part of the SYSTIMAX GigaSPEED Solution, it fully meets the Category 6 specifications.

The backbone of the network uses standard multimode SYSTIMAX OptiSPEED® fiber.

#### Future proof

"As an organization, we have to be able to evolve with the demands and requirements made on our IT infrastructure," said van Klink. "In re-designing the infrastructure for the Plesmanweg building, we aimed to extend its economic life expectancy as far as is possible. We had to take into account future demands and requirements, so sufficient bandwidth was extremely important."

Getronics provided a design with under-floor transition points that give great flexibility for moving and reconnecting outlets at the transitions. The number of transition points installed means that satellite equipment rooms seldom need to be adapted to handle organizational moves and changes.

A key factor in the Ministry's choice of SYSTIMAX SCS was its 20-year component guarantees and application assurances. Added to this, Getronics provided a service package for the entire life cycle of the network infrastructure.

"The Ministry can look back on a project that was completed smoothly," said Frits Kuus, Sales Director, SYSTIMAX Solutions in the Netherlands. "With the guarantees and service package provided, they can also look forward to many future years of trouble-free operation."

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