

panorama

Cables

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**Category 7 network for
the Vienna Chamber of Labour**

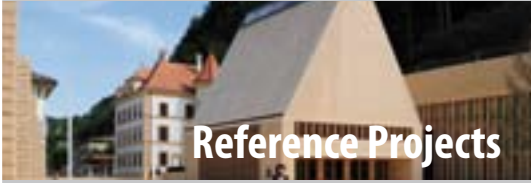


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The art of creating value even in a recessive environment

Dear Reader,

The Crash is Coming – I read this book by German economic professor Max Otte in June 2008. In it the author describes the inevitable burst of the globalization bubble and the disastrous consequences for the entire world economy. He speaks of the “toughest crisis since 1929, which will affect not only all geographic regions, but this time all business sectors”. Even if Professor Otte may have exaggerated certain points, his analysis was accurate. The value-destruction machine is now running at full speed, and it has more or less hit us all.

Responsible companies quickly recognised the sign of the times and pulled the brakes on spending, at first with moderation. Others reacted later and thus had to over-correct. Today we don't know everything that still awaits us and how strong or how long our industry ultimately will suffer. But one thing is certain – costs and risks must be rigorously minimised.

Daetwyler Cables intends not only to reduce costs but to create value in spite of the economic crisis. How do these fit together? Well, we are convinced that as a leading provider of total solutions for future-oriented

electrical building infrastructure, we can help our customers significantly reduce their costs. For instance, through clever engineering, standardisation, and industrialisation of components, and by applying the wealth of experience we have gained in hundreds of international projects, we can effectively reduce not only the costs of cabling and installation, but also the quality, energy, and other operating expenses (OPEX) carried by our customers. The prerequisite for this is of course a good understanding of the daily challenges and various business models of our end customers.

Only in this way can we create sustainable value for our customers even in difficult times. That's why we are continuing to expand our know-how for specific customer applications, anchor this knowledge in our local teams, and apply it to develop new and innovative solutions. A glance at our continually growing list of top global references shows that with this strategy we will remain on the road to success.

Now I wish you enjoyable reading. If you seek more information, I encourage you to visit our new, attractively designed website.

With kind regards,

*Johannes Müller
Executive Vice President
Member of the Executive Board*

Category 7 network for the Vienna Chamber of Labour

At the refurbished head office of the Vienna Chamber of Labour, unilan® Prime Solution (PS) structured cabling by Daetwyler Cables provides fast transfer of data, voice, and multimedia signals. Daetwyler Cables also provided the building's cabling systems with extended functional integrity and elevator cabling systems.

Co-operating with local trade unions, the Chamber of Labour represents to business and government the social, economic, professional, and cultural interests of some three million Austrian workers. In Vienna the organisation answers about 400000 queries per year. Every sixth consultation takes place as a face-to-face meeting at the head office in Vienna's 4th precinct.

Since the Chamber of Labour could no longer accommodate the many consultations in its old building, starting in summer 2006 the old building was completely refurbished and given an addition and two new attic storeys – expanding the facility to 32000 square metres.

Economic analysis

The new communication cabling installed between July 2007 and August 2008 had to be "10 gigabit ready" and laid out for a service life of twenty years. The data network had to allow the transmission of radio and television signals at a large scale. Specifications therefore called for Class F cabling with symmetrical Category 7 copper cabling, TERA™ four-chamber connection technology for the horizontal cabling, a suitable multimedia solution, and high-capacity fibre optic cabling for the backbone.

Gerald Berger, Head of the IT Department, explains the choice: "The economic analysis showed that cable sharing makes TERA™ a winner, since it allows higher quality and greater transfer capacity with less cable – which also reduces the dead load and flammable building substance".



Every sixth consultation with the Vienna Chamber of Labour takes place as a face-to-face meeting at the head office in Vienna's 4th precinct.

The server racks are custom-designed models with special surveillance arrays.



High performance

The wall outlets, floor-mounted boxes, and recessed boxes at seats in the conference rooms and at public Internet workstations in the library are custom designed. Daetwyler Cables equipped the latter with RJ45 outlets for visitors and integrated potential equalisation. Links to the *unilan*® floor distribution racks are executed in *uninet*® 7150 Category 7 multimedia cable, offering reserves of up to 1500 megahertz with optimised shielding for carrying broadband TV and video signals.

The new infrastructure in the Vienna Chamber of Labour reliably links all office applications, voice over IP, and signals from the WLAN routers, video surveillance, and parts of the building control system. Thanks to *catTV*® panels by Daetwyler Cables, CATV signals can be distributed to every data outlet in the facility over the application-neutral cabling system.

A redundant installation of *optoversal*® multi-mode fibre optic cabling connects the floor distribution racks to the chamber's data centre. The server racks, like all cabinets, are custom-built models by Daetwyler with special surveillance arrays.

Quality assurance

The data network and all electrical safety cabling were installed by the electrical contractor Polst from Brunn am Gebirge. To speed approval by building officials, the Vienna Chamber of Labour conducted comprehensive inspections of lots, monitored the installation work, and had about a tenth of the cabling measured. Gerald Berger reports that not one problem was en-

countered during commissioning of the network, which currently provides a maximum data transfer rate of 1 Gbit/s.

Safety cable with circuit integrity

Daetwyler Cables also provided cabling systems with extended functional integrity for the building. The fully tested *pyrosys*® system is especially convincing due to its economic and technical advantages. "We laid about ninety percent of the cable with single- and multi-support cable clamps – so-called Hermann clamps – under the floor slabs", explains Peter Hein, project leader at Polst. The electricians appreciated the installation advantages of the *pyrosys*® solution and delivered a professional installation conforming to the relevant standards and test certificates.

Daetwyler Cables boasts a further installation in the new head office of the Chamber of Labour: the building's eight lifts operate with elevator cables and power-supply cables from the Harnesing unit.

Full satisfaction

"All system components were in the budget. Since commissioning, the network has functioned well. We are especially pleased with the quality of the connection technique, which drastically reduces problems. And the new infrastructure gives us great reserve capacity for the future and numerous use options", tells Gerald Berger.

Peter Hein also gives a favourable summary: "Decisive were the test scenarios conducted in the building, the installation of adequate test sections, and the extensive portfolio of high-quality products with all required test certificates – products that we can work with easily and efficiently. In addition, product and project support were appropriate in every regard".



Cabling systems with circuit integrity: The thoroughly tested *pyrosys*® system stands out above all for its economic and technical advantages.



Cable sharing made TERA™ the first choice.

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Equipped for future projects

With its second data centre the state administration of Liechtenstein has established a basis for its current and future IT projects. The reliable and expandable cabling system by Daetwyler Cables ensures high-speed connections.

Last year the Liechtenstein parliament inaugurated a prestigious new parliament building in the government district of Vaduz. Simultaneously, a new data centre for the state administration was constructed nearby. The construction of this second modern data centre to augment the main centre was necessary mainly to overcome capacity shortages. The data centre serves over forty government offices. Besides supporting office applications and databanks, it also supports some 160 special applications, most of which are performance hungry. Additionally, e-government places increasing demands on the IT infrastructure. With its supplemental hardware and virtualisation solutions alone the state administration had been repeatedly reaching the capacity limits.

Expanding capacity

The new data centre houses numerous servers and storage components providing the required extra capacity. It also provides space for future expansion. As part of a SAN (storage area network) project the two data centres will be linked. "The aim of our current project is to split up our critical services and applications, allow full data backups, and implement disaster-recovery strategies. Besides this, we want to have a universal virtualisation platform over the entire structure", tells Peter Kindle, Head of Systems and Databases for the Liechtenstein government.

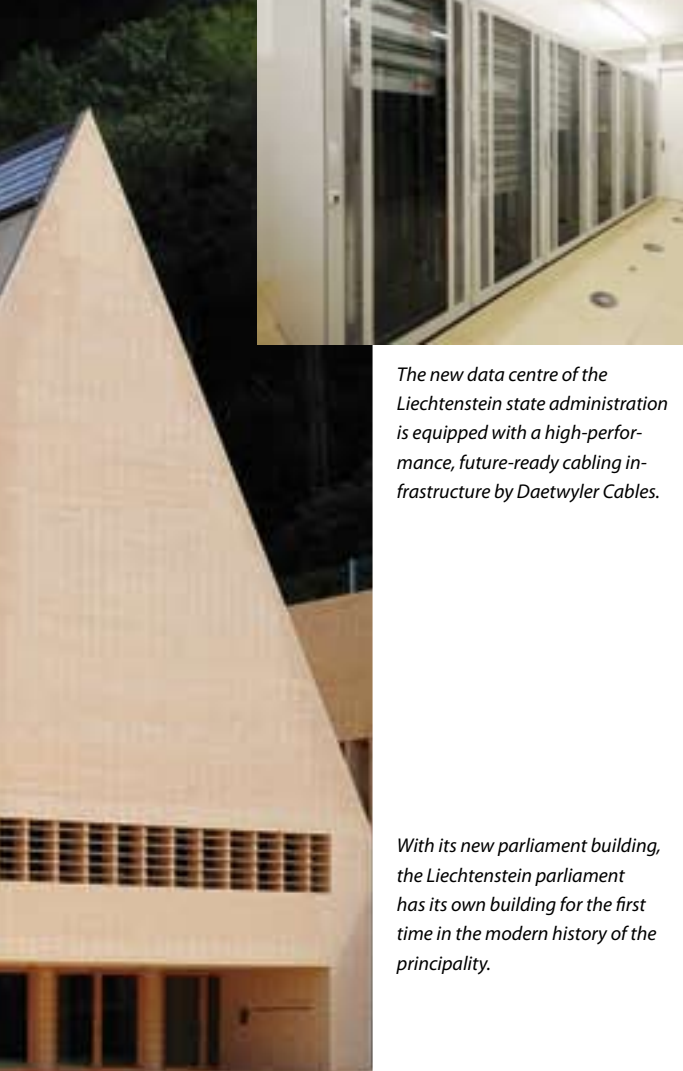
To handle current projects the state administration had the new data centre equipped with a high-perfor-

mance, future-compatible cabling infrastructure by Daetwyler Cables. Custom-designed cabling with pre-harnessed *optoversal*[®] cable and E2000/APC connections provides high-speed data transfer between the servers as well as between switching and storage components. All server racks are interlinked and connected with the active components with *unilan*[®] 1-gigabit Modular Solution Ethernet copper cabling. Copper cabling for data transfer is executed in *uninet*[®] 7702 Category 7 cable.

Powerful and future-ready

Peter Kindle says it's important that fibre optic cable allows easy handling, installation, inspection, and operation. The single-mode and multimode fibres – the latter OM3 grade and tested with the latest laser bandwidth measurement minEMBc (minimum effective modal bandwidth) – offer high system reserves for future transfer rates, such as 10, 40, and 100 Gbit/s. Regarding the copper system, the main requirement was a high-performance system from a single source and with a system warranty.

The contractor Risch Elektro-Telecom AG from Triesen installed roughly 600 copper and 168 fibre optic links in the new data centre. In order to avoid any interference with the distribution of cool air, all lines were laid in sub-floor perimeter U-channels in close consultation with the responsible HVAC engineers.



The new data centre of the Liechtenstein state administration is equipped with a high-performance, future-ready cabling infrastructure by Daetwyler Cables.

With its new parliament building, the Liechtenstein parliament has its own building for the first time in the modern history of the principality.

Smooth commissioning

Kindle reports that the installation and commissioning of the new infrastructure went smoothly. Thanks to the dependable work of the contractor and the punctual logistics of Daetwyler Cables, the cabling system was successfully quantified, installed, and put into operation on schedule.

"For us it's ideal if the manufacturer and contractor get together themselves to clarify the necessary details of an installation. Again in this project, that worked perfectly. In spite of the many links and the high density in the server racks, the cabling is neatly organized and clearly laid out. What's more, we now have the flexibility and the necessary reserve capacity to conduct our planned projects without significant changes to the infrastructure", sums up Peter Kindle.



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Current projects – in brief

Netherlands: Head office of Heinen & Hopman Engineering

A high-end data network by Daetwyler Cables and the distributor RedLink was recently installed in the new head office of Heinen & Hopman in Spakenburg, a leading global specialist for maritime HVAC. The ICT department relies on *uninet*® 7002 Category 7 cable and shielded Category 6a components for the offices and production areas. Van den Hoogen Engineering, a certified contractor, installed the network between June 2008 and January 2009.

Portugal: Hotel Casino Troia Resort

At the magnificent Troia Resort near Lisbon the entire peninsula is being transformed into a holiday resort. Daetwyler Cables and local partner Policabos contributed a significant portion of the electrical infrastructure of Hotel Casino Troia – structured *unilan*® cabling with over 200 kilometres of data cable and some 3000 connection modules.



Spain: Malaga Airport, Terminal 3

Malaga Airport is one of Spain's most important airports. For the construction of Terminal 3, over 165 kilometres of fibre optic cable by Daetwyler Cables was used to link the technical rooms to the existing data network. This, as well as the *pyrosys*® safety cable used in Terminal 3, was supplied by Urkunde, the Spanish distribution partner of Daetwyler Cables. The project has made Daetwyler Cables a reference supplier for cabling systems.



Co-operation with Volkswagen in China

At its Chinese subsidiary at Dalian in Liaoning province, Volkswagen relies on cabling solutions by Daetwyler Cables. The installation includes a 10-gigabit data network.

The globally active Volkswagen group enjoys great trust in China, and holds the largest single share of the Chinese automotive market. Volkswagen Automatic Transmission (Dalian) Co. Ltd is the company's first subsidiary in China, solely owned by Volkswagen.

On September 25, 2008, VW and Datwyler Cables+Systems (Shanghai) Co. Ltd signed a co-operation agreement. Volkswagen Automatic Transmission in Dalian thereby selects Daetwyler Cables to provide the full range of generic cabling solutions, including Category 7 high-quality copper cabling systems and 10-gigabit fibre optic cabling systems. Datwyler Cables+Systems (Shanghai) Co. Ltd is a solely owned subsidiary of the Swiss Daetwyler Cables.

The *unilan*® copper cabling solution includes 1000-MHz shielded cables and all associated modules, patch panels, and patch cords, creating a complete shielded data network. The solution supports 10-gigabit Ethernet and ensures secure data transmission. The fibre optic solution consists of 10-gigabit cables with OM3 fibres, LC

connectors, and fibre optic distributors and patch cords. The 10-gigabit network also meets the requirements of high-speed transmission for the backbone cabling.

To ensure the engineering quality of the network, Daetwyler Cables in Shanghai provided all support for the entire project, including consulting in the planning phase, network design, product selection, training for the system integrator prior to system installation, and inspections of the installation. This comprehensive support assured quality in every phase of the project.

When the project is finished, Daetwyler Cables will provide VW in Dalian a 25-year system warranty that guarantees the reliable and long-term operation of the network.

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Daetwyler Cables twice named a "top-ten brand" in China

At the end of last year Daetwyler Cables Shanghai was distinguished for the first time by two renowned members of the Chinese trade media.

Attended by 160 guests and a throng of reporters, the awards ceremony for the Chinese "Intelligent Building Brand Awards" took place November 11 at the Century Guojian Hotel in Beijing. Beijing's "IB Magazine" presented the awards in four categories: structured cabling, building automation, safety, and intelligent living. Winners were selected through a survey of industry experts, planners, system integrators, and users. Judging criteria included brand recognition, quality assurance,

services, and support. Daetwyler Cables was acknowledged as a top-ten brand in the category structured cabling solutions.

Daetwyler Cables received a second award as a top-ten brand from Qianjia.com. This award is the Chinese "Oscar" for intelligent building. Winners were determined based on data of the "Qianjia Brand Index" as well as online votes, professional system tests, and user feedback. Daetwyler Cables received the award in the category cabling solutions especially for its leading technology and outstanding product quality. The awards ceremony took place December 4 at the Everbright International Hotel in Shanghai as part of the China International Building Intelligence Summit.



Datwyler Cables UK – New strategy

*A new location, a new strategy, and a lot of new projects:
In the UK, Datwyler (UK) Ltd made a promising start to the new year.*

2008 was a landmark year in the history of Daetwyler Cables' subsidiary in Great Britain. On one hand, Datwyler UK Ltd celebrated its 25th anniversary. On the other, the move from Swindon to Chandlers Ford – situated only an hour from London – is accompanied by a very successful new strategy which allows direct business with installers, suppliers, and contractors.

Among the current projects is an *ecobus*® system for the building automation at the Stax Trade Centre in Manchester, a *pyrofil*® solution for the Trago Mills Shopping Complex in Devon, a *unilan*® cat.6a data network for the Health Clinic in Ilford, and an *ecobus*® solution for London's Berners Hotel.

Q A Developments, one of Datwyler's newest partners, recently managed to secure two new projects: LeMonde Communications installed 336 rack-to-rack connections for a data processing centre using flexible Keystone connectors, and Matrix Communications

installed over 600 cat.6 outlets, over three floors, in the new Loxford Polyclinic for NHS Redbridge, giving the local residents fast access to doctors, social workers, and community health professionals.





Active management of ICT infrastructure



Many companies find it increasingly difficult to monitor and document their complex physical infrastructure. With unilan® View, network managers now have a functional solution for handling this and other tasks in real time and nearly fully automatically.

The scenario is familiar – one looks into the patch panel of a floor distribution rack and in many cases it's nearly impossible to see which switch port is connected to which cable link. Network managers often experience such predicaments. The manager has a clear overview only when he has complete documentation of the physical infrastructure and when that documentation is up to date. Unfortunately, these two preconditions are seldom met.

You can locate "dead" connections in many networks. Often, once a connection is patched it is never removed.

No one knows whether the port is merely temporarily inactive or whether the connection is no longer used at all. Any overview of available capacity is quickly lost, and a consequence is that new active equipment is often purchased much too early.

Eliminating downtime

In fast-growing networks that are constantly being changed and expanded, the infrastructure can easily become more and more disorganized and prone to problems. Downtime, or periods when the network cannot be accessed, is very costly for any organisation. To take fullest precautions, companies therefore invest large sums in network equipment and software applications. But the physical infrastructure, which exhibits the longest service life in a network and must support all other network elements, is often neglected – even though the market offers suitable systems that can detect the various active connections in a physical infrastructure along with the corresponding equipment.

With *unilan® View*, Daetwyler Cables offers network managers precisely such a tool. This is an effective and intelligent infrastructure-management system with which managers can monitor and manage the data network in real time and nearly fully automatically. It improves resource management, helps eliminate problems and even network crashes, and helps reduce the time required for infrastructure management to a minimum.



Guided changes: LEDs at the patch panels show which cables are to be plugged in elsewhere.



Continuous management

The key components for monitoring the physical infrastructure are special patch panels and software designed to handle the management tasks. The system detects all changes to the network. For example, when a connection is changed at the patch panel, the system records it in a database. It also registers the connection and removal of hardware. IP-based end appliances detected in the network can be allocated easily to appropriate locations. Thus *unilan*®View offers continuous management of the complete infrastructure, consisting of both the physical network and the connected equipment.

The system offers a number of real-time functions, including monitoring of all end-to-end connections as well as instant alerts. For instance, when an unauthorized person changes a connection in a patch panel or removes an appliance without authorization, an alarm is immediately activated. The network manager is alerted for example by e-mail or text message and can take appropriate action immediately.

Automatic documentation

Automatic, continuously complete, and up-to-date documentation allows one to rapidly find and identify the source of problems. Reports on the current physical infrastructure can be generated at the press of a button. The capacity utilisation of connections to active equipment and the patch panels is known at all times.

Practical tools and intuitive user operation help users of *unilan*®View when a network is expanded or relocated. Work orders for changes at the patch panel, so-called MACs (moves, adds, and changes), can be generated automatically. Execution of these orders is "guided" by the system. Specifically, LEDs show technicians at the patch panel which cable must be unplugged and plugged in elsewhere. And the system automatically documents every change.

Users also have the option to include satellite locations in the central configuration and monitoring. Thus the system is particularly interesting for organisations that operate decentralised distributed networks and want to manage these from a central location, for instance using the Internet.

unilan®View keeps network documentation constantly up to date and minimises downtime – and thus can significantly reduce operating expenses.

Eugen Rodel
System Engineer
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Sourcing in international system business

Employing regional sourcing staff and entrusting global commodity groups to so-called lead buyers, Daetwyler Cables develops the specialised knowledge necessary in the international procurement market.

In international system business Daetwyler Cables offers total solutions for various application areas, such as data centres, office environments, shopping centres and tunnels, and continually develops these further. They create added value for customers because, in contrast to a multiplicity of individual solutions, the solutions are perfectly coordinated, available at all times as a complete package, and as such are more cost effective.

With growing system business, the share of outsourced products, which Daetwyler Cables complements with components it manufactures in house, is continually increasing. To procure these system components and to qualify suitable suppliers, the Sourcing unit collaborates closely with System Engineering and Quality Management. Ideally, total solutions are developed that meet global needs. But because local requirements vary from one market region to the next, in practice these generic total solutions must be adapted or optimized to meet specific customer needs.

Partnerships and collaboration

To expand its product range, Daetwyler Cables forms strategic partnerships with suppliers for complementary product lines, such as surveillance and access control in data centres. In other cases Daetwyler seeks collaboration with global companies that provide specific products in the various market regions. A third option is collaboration with local suppliers. The procurement market is international, and the number of potential purchasing sources is growing. Additional challenges that Sourcing faces daily are the increasing cost of global logistics, conformance with quality criteria, and development of suppliers.

Several factors are crucial to effective operation in this globalised sourcing environment:



- Knowledge of the international procurement markets
- Simple and effective procurement processes and IT tools
- Close collaboration between Sales, System Engineering, and R&D
- Active involvement of suppliers in the innovation process, individually or co-ordinated within larger projects
- Long-term collaboration and partnership with best in class suppliers and continual development of these suppliers

Regional sourcing staff

In its main market regions Daetwyler Cables has local sourcing staff that are centrally co-ordinated. These staff research the procurement market in their regions and make sure that their findings are integrated into internal and external system-engineering and sales activities at an early stage.

Sourcing plays an important role in the development of total solutions because it can speed innovation cycles. It is part of the innovation chain since it provides important components for system solutions. And as a fertilising element, sourcing can lead to new developments.

The lead buyer concept

When a sourcing project is conducted a member of the sourcing staff takes the lead for the associated tasks and if required coordinates activities with sourcing colleagues in other market regions. Local sourcing staff are organised with global commodity-group responsibility and under a so-called lead buyer concept.

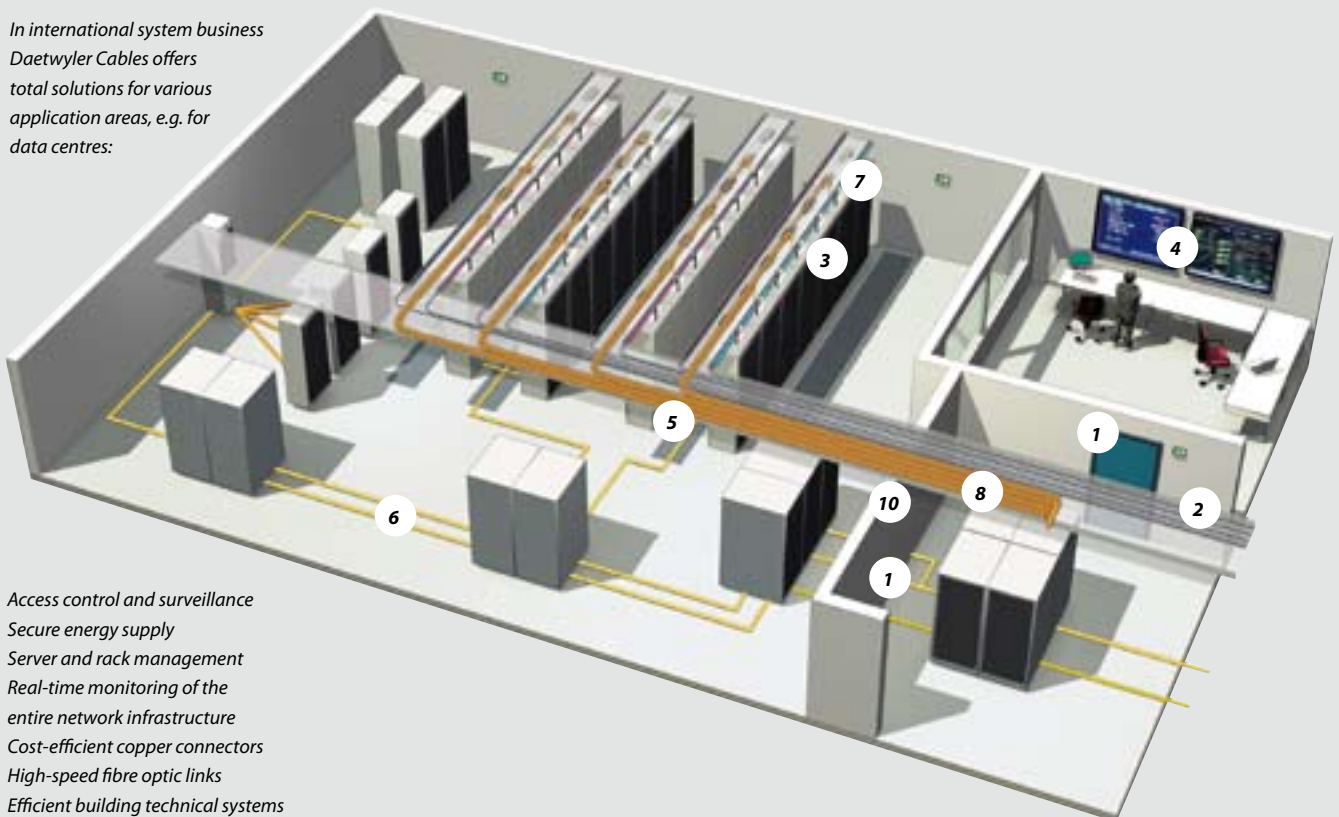
This organisation allows market segmentation on the purchasing side, consolidation of suppliers and products, and the creation of purchasing strategies tailored to each commodity group. The international co-operation of the sourcing staff and the optimised supplier base generates for Daetwyler Cables and its customers a range of benefits, including cost optimisation, technical quality, supplier availability, and innovation speed.

Continual exchange of information and experience helps to realise synergies, implement strategic logistics concepts, and create market transparency. Furthermore, communication and co-ordination of activities with suppliers is harmonized and consistent, supplier qualification is shorter, and last but not least, each lead buyer is available as an expert in his purchasing environment. The benefit and advantage for the customer is that he collaborates with a company that realises total solutions on his behalf and stands at his side as a competent partner, delivering the desired quality from a single source.

Urs Janssen
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In international system business Daetwyler Cables offers total solutions for various application areas, e.g. for data centres:



- 1 Access control and surveillance
- 2 Secure energy supply
- 3 Server and rack management
- 4 Real-time monitoring of the entire network infrastructure
- 5 Cost-efficient copper connectors
- 6 High-speed fibre optic links
- 7 Efficient building technical systems
- 8 Optimized cable routing



Successful special profile by Daetwyler Rubber

www.daetwyler-rubber.com

Special profiles by Daetwyler Rubber are in successful service in building construction and civil engineering applications around the world. Recent examples are Orchard Turn shopping mall in Singapore and tunnels for three metro lines in New Delhi, India. At high-profile Orchard Turn, a 2600-square-metre undulating canopy of glass and metal floats 30 metres above the public plaza at the entrance. The glazing-gasket solutions use high-quality EPDM material moulded to precise tolerances. They were selected for their excellent UV stability and weather resistance and outstanding values for tensile strength, elongation at break, and compression set.

The special profiles by Daetwyler Rubber significantly contributed to successful physical testing of the challenging glass canopy. Also in tunnelling the excellent quality of seals makes Daetwyler Rubber the preferred partner. With the company Modern International, Daetwyler Rubber has a well-established agent on location in the promising market of India. Daetwyler seals are in proven service in over 100 tunnels on five continents.

"CataloguePlus!" – a new offering by Distrelec

www.distrelec.com, www.disdata.com

With "CataloguePlus!" the Daetwyler company Distrelec offers its 50000-some customers a new service. In addition to the 80000 standard items it carries, Distrelec now offers its customers all products carried by its 600 suppliers. Thus Distrelec customers profit from a greater range of products from a single source, and with "CataloguePlus!" they can optimise purchases of C-articles. The minimum order is only CHF 50 per product, and large volumes may be ordered at any time. Customers usually receive a binding offer within 24

hours after submitting a query. Orders may be placed – as with the standard catalogue range – by phone, fax, or e-mail. Delivery times for "CataloguePlus!" products vary according to the lead times of the suppliers.

To develop customer-specific solutions Distrelec has been deploying territory sales personnel since 2008. This team is also responsible for demonstrating the more complex measuring devices and instruments. In Switzerland, Germany, and Italy, Distrelec now has certified thermographs. Customers can take advantage of rental service for thermographic and measurement equipment.

Distrelec is the leading Swiss catalogue distributor for industrial electronics, automation equipment, and computer equipment. Besides serving Switzerland, the company serves central, north, and eastern Europe.



Katalog PLUS

Daetwyler Group – an international multi-niche player

www.daetwyler.ch

The Daetwyler Group is an international multi-niche player dedicated to industrial component supply and distribution of engineering and electronic components. Our activities concentrate on attractive niches that offer opportunities to increase value added and sustain profitable growth. Daetwyler's four divisions – Cables, Rubber, Pharmaceutical Packaging, and Technical Components – are focused on the manufacturing, pharmaceutical, and datacom industries. With more than 50 operating companies, sales in over 100 countries, and some 4700 employees, Daetwyler generates approximately EUR 900 million in sales revenue.

"MaagServices" – expanded customer service

www.maagtechnic.ch

"MaagServices" – under this brand name the Daetwyler company Maagtechnic now offers its customers an expanded range of services. Besides the company's standard services – technical advice regarding the product range, warehousing, quality-assurance testing, access to knowledge databases, and more – with its many "MaagServices" Maagtechnic offers services that are individually tailored to customers.

In the field of know-how and development, a program of modular, customer-specific technical courses is offered. In logistics, the services range from procurement through third parties to transport- or product-oriented logistics solutions and custom-tailored e-procurement solutions. In product development, Maagtechnic offers its know-how in the form of customer-specific engineering services. A prime task of "MaagServices" is the commissioning and maintenance of hydraulic systems and lubrication systems.



The service range of "MaagServices" is being strategically expanded in unison with the product range. By taking over sales and distribution for Shell Lubricants in Switzerland, services such as oil-particle analysis, oil treatment and filtration, and machine lubrication schedules have been added.

Improved coating technology for lyophilised drugs

www.helvoetpharma.com



The more complex the pharmaceutical products, the more problematic their stability becomes. For this reason, modern, biotechnologically produced drugs tend to be freeze-dried into powder. This process, called lyophilisation, takes place after the active liquid ingredients have been filled into glass vials, placing high demands on the rubber packaging components supplied by Helvoet Pharma, a Daetwyler company.

Helvoet Pharma has launched Omniflex3G, an enhancement of its existing coating technology, optimised for lyophilised drugs. Omniflex3G combines the advantages of a seamless fluorinated polymer coating and an ultra-clean rubber compound with innovative new packaging component designs. This combination means that the rubber stoppers made by Helvoet Pharma maintain the highest level of seal integrity and minimum vacuum loss even after exposure to temperatures of -78° Celsius and high pressure. Furthermore, Omniflex coating eliminates the need for a silicone lubricant when filling vials, thereby increasing the purity of the active ingredient. Helvoet Pharma's pharmaceutical customers benefit both from an optimised filling and lyophilisation process and from longer storage life and higher drug quality.

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