

COMPANY OVERVIEW >

*Bringing Advanced Physical Layer Lifecycle Management
to Enterprises Worldwide*



molex[®]

ABOUT US

The Company

Molex Incorporated is one of the world's largest manufacturers of electronic and fibre optic interconnection products and systems, switches and application tooling and is a subsidiary of Koch Industries Inc., which is a privately held company with over \$115 billion dollars in annual revenue according to Forbes magazine. Based in Lisle, Illinois, USA, the company has over 75 years experience and operates 39 manufacturing facilities in 16 countries.

Molex Premise Networks (MPN), a subsidiary of Molex, develops and manufactures a full range of copper and fibre structured cabling solutions suitable for the transmission of voice, data and video imaging signals. With over 30 years experience in the design and delivery of standards compliant quality structured cabling systems, MPN has a demonstrated and impressive list of global references serving some of the largest organisations in the world.

Products and Services

Molex Premise Networks delivers IT infrastructure solutions that maximise performance, increase efficiency and strengthen IT security. Through a comprehensive suite of Advanced Physical Layer Lifecycle Management (APLLM) products and services, businesses can gain unprecedented deployment, operation and management efficiencies across their voice and data networks. Our complete portfolio of software, electronics, copper and fibre Data Transport Systems (DTS) and infrastructure deployment services allow businesses to track and manage the lifecycle of their IT infrastructure investment. From planning through design, procurement, installation and routine moves, adds and changes (MACS), a solution from Molex Premise Networks complemented by our technical experience and resource can benefit any business when it comes to critical IT infrastructures.

Installation

Molex solutions are installed by a global network of certified cabling experts, and are fully supported by our Technical and Services teams. Our Certified Installers are members of the Molex Global Business Partner Program, enabling support of multi-national client rollout initiatives. Our partners receive full solutions training and a commitment to continued training with access to our online Customer Support Portal - a unique portal providing partners with continual access to knowledge-based forums, current information, updates and self-help, arming them with the expertise to provide an excellent service to end-users.

MPN Global Warranty

All MPN end-to-end structured cabling systems are supported by a global 25-year Product, System Performance and Application Assurance Warranty, when installed as a certified system by a Certified Installer.

MOLEX APLLM SOLUTIONS

MIIM™ Solution - Advanced Physical Layer Management

MIIM is a groundbreaking system that enables complete real-time monitoring of the physical channel, while supporting easy communication to SNMP based network management tools and SMTP email integration. MIIM continuously monitors & maps the physical layer by using event-driven discovery of attached devices, even if the device is off. It facilitates work order management, including scheduling and recording of moves, adds and changes (MACs) and enables patch guidance for technicians, with LEDs on the patch panels to indicate ports with pending work orders. MIIM gives the IT Manager total visibility of the physical channel driving new and innovative applications, and more effective management of the IT infrastructure.

Infrastructure Deployment Services

As demonstrated infrastructure experts, MPN leverages our know-how in LAN cabling to provide a suite of solution-based services which deliver value to Owners and Business Partners. Guided by our experience and knowledge of customer challenges, MPN offers Project Control services driving new visibility and control of infrastructure deployments from planning and design through to bid management, project implementation and even ongoing maintenance. Additionally, MPN provides Solutions Training on installation practices delivered in a variety of convenient formats, including e-learning, as well as MIIM APLM deployment services.

PowerCat™ 6A Solution - Category 6A

Molex's PowerCat 6A solution has been developed with the highest performing capabilities in mind and has been designed to provide the most advanced alien crosstalk mitigation and an insertion loss protection that surpasses all unshielded systems. The PowerCat 6A end-to-end solution consists of Category 6A shielded patch panels, both straight and angled, cable, patch cords, consolidation points and the die-cast Datagate™ shielded 6A jack available in both rear and side entry variations.

PowerCat 6 Solution - Category 6

The Category 6 performance standard is well established as the premium performance level for structured cabling. The PowerCat 6 range of Category 6 UTP compliant products provide a high performance end-to-end UTP copper solution, including cable, patch panels, patch cords and work area modules.

PowerCat Solution - Category 5e

The PowerCat range of Category 5e compliant products provide a high performance end-to-end UTP copper solution, designed to meet and exceed all relevant international performance standards. Consisting of cable, patch panels, patch cords, work area modules and consolidation points, the PowerCat solution provides a reliable and cost effective option for your cabling infrastructure needs.

Lightband™ Solution - 10G Optical Fibre

Molex offers total fibre solutions ideal for either backbone or to-the-desk applications. The Molex fibre product range includes some of the most comprehensive total fibre solutions in the market. The portfolio includes management panels, enclosures, adapter plates, connectors, modules, cable, pre-terminated solutions, adapters, patch cords, splicing equipment, field termination connectors, Xpress termination kits and testers, incorporating a variety of connector technologies such as ST®, Duplex SC, MT-RJ® and LC.

ModLink™ Plug & Play Solution - Pre-terminated

Molex's ModLink system is a cost-effective, quick and easy plug and play system, available in both copper and fibre. Suitable for mission critical applications, such as Data Centres and Storage Area Networks, the system provides premium factory-controlled optical performance, enabling flexible system configuration and fast, economical installation. The solution, comprised of cassettes and panels, utilizes the patented Molex iPass™ connector - a low profile slim line I/O connector, distribution cables, used as the interconnection cable between the cassettes and hydra cable assemblies (iPass to 6 RJ45 plugs) predominantly used for panel to panel or switch to panel links.

REFERENCE SITES

Customers

Molex has thousands of customers worldwide, including:

Commercial <ul style="list-style-type: none"> Beijing Trading Centre - China Amazon Call Centre - South Africa Delhi Stock Exchange - India 	Manufacturing <ul style="list-style-type: none"> Hewlett Packard - Australia Mahindra Vehicle Manufacturers Ltd. - India Unilever Italia - Italy
Education <ul style="list-style-type: none"> Newton County Schools - USA Belfast Metropolitan College - UK Indian Institute of Technology - India 	Natural Resources <ul style="list-style-type: none"> Total Oil - Uganda GMK Norilsky Nickel - Russian Federation Kuwait Petroleum Corporation - Kuwait
Finance/Insurance <ul style="list-style-type: none"> The Bank of China - China Bank Pocztowy - Poland Central Bank of Oman - Oman 	Retail <ul style="list-style-type: none"> SuNing Electronics Store - China Myer Stores Ltd - Australia AutoZone - USA
Government <ul style="list-style-type: none"> The Senedd - Wales Ministry of Education - New Zealand NATO - Italy & Belgium 	Services <ul style="list-style-type: none"> National Air Traffic Services (NATS) - UK Expeditors - Australia Dubai International Airport - UAE
Healthcare <ul style="list-style-type: none"> New Downe Hospital - Northern Ireland Sutter Health - USA Mafraq Hospital - UAE 	Technology <ul style="list-style-type: none"> SRC Infonet - Slovenia Sybase - Netherlands Cisco - India
Hospitality & Leisure <ul style="list-style-type: none"> Shanghai World Expo Centre - China Skilled Park Stadium - Australia Ashmolean Museum - UK 	Telecommunications <ul style="list-style-type: none"> T-Mobile - Czech Republic Shanghai Unicom Tower - China Telstra - Australia

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