

COMPANY PROFILE

www.mercury-networks.com



MERCURY

Technology for Innovators

KNOW WHO WE ARE

Mercury has continued to grow in size & strength since it was founded in 2016. We continue to adapt and grow, embracing new technologies so we continue to be at the forefront of network infrastructure design, installation and support services. Through constant innovation our comprehensive service offering is continually evolving to ensure we add value to our growing client base. Our professional and flexible approach to business delivery has established mercury as the physical network infrastructure integrator of choice to some of the world's leading organisations. Our experienced and flexible management structure

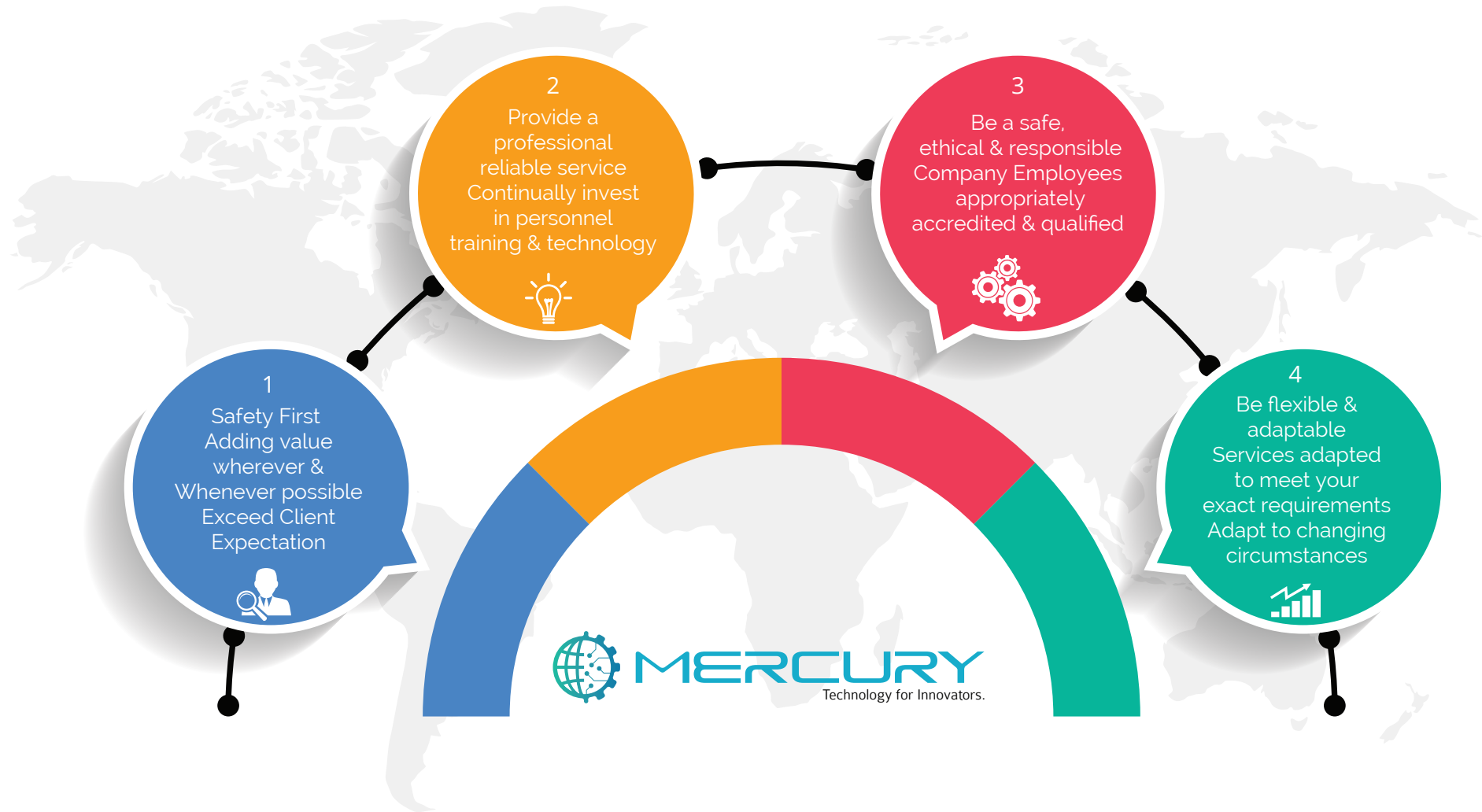
Enables us to offer a dynamic approach to client delivery. With a workforce of over 250 industry professionals we install into a range of environments including, Hotels, Schools, Staff Accommodation, Corporate Offices, Data Centres, Retail, Factories and Hospitals providing a consistently high quality of service, delivering solutions that are tailored to our client's needs. We are proud of our history, heritage and values and we strive to ensure that all our projects are delivered in a manner that up holds and enhances the reputation of Mercury and its clients in a socially responsible manner



Most inventions are based on some prior history.

- Ralph H. Baer

OUR PHILOSOPHY



HISTORY

Exciting, robust solutions since 2016...mercury has grown in size, strength and services since it was founded in 2016. From small beginnings, we are proud to boast a workforce of over 60 employees. Working across Europe, we have grown to have established offices in the UAE, UK, India, with a network of trusted and proven partners and vendors. Our company thrives upon exceeding client expectations. This level of productivity and service has been the foundation of our business since the very beginning. We believe that these values and our flexibility when embracing new technology have enabled us to grow into today's dynamic organisation. For nearly 10 years, we have pioneered the design and installation of network and cabling infrastructure.

CONTINUING TO THRIVE...

We continue to adapt and grow, embracing the opportunities of new technologies. At all times, we ensure that our teams have the latest accreditations and qualifications, assuring our clients of best practice and excellent standards. Our services are designed to exceed our customers' requirements and expectations, offering bespoke solutions whenever possible.

WHY MERCURY ?



MANAGED SERVICES

Mercury has an enviable reputation when it comes to delivering managed service support. The software, hardware and certification requirements to service and support each contract varies to suit the exacting needs of each client; regardless of solution you can be assured Mercury will work closely with you to provide the correct resource to deliver a flexible, reliable and professional service.

NETWORK CARRIERS

- Last Mile connectivity of WAN circuits to customer premises.
- Break/Fix maintenance contracts including – 24/365.
- External ducts and chambers – management and new installations.

WI-FI – INSTALLATION

- Installation, maintenance and support of network hardware at various
- Network Carrier locations.
- Break-fix support to manufacturer's equipment.

CUSTOMER-OPERATED DCS & COLO/MANAGED SERVICES PROVIDERS

- Management of DC access and Information Request
- Remote Hands
- Tiers 1-3 Cabling Support and New Installations
- Tier 1 Hardware Support (e.g. hot swapping power supplies and transceivers)
- Back-Up Media Operation (e.g. Tape Library)
- Cabling & Hardware Decommissioning
- IT Equipment Relocations

As well as benefiting from our experience, clients can utilise our 24/365 help desk and engineering call out service, giving added reassurance that your business is in safe hands around the clock

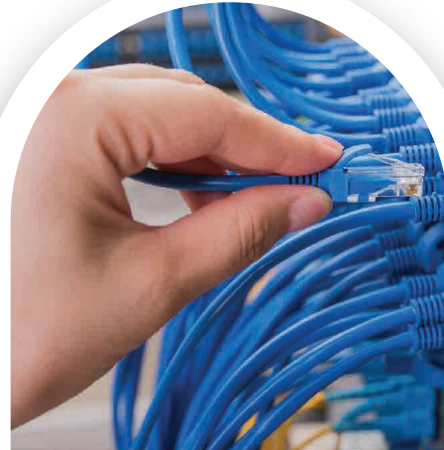


STRUCTURED CABLING



COPPER & FIBRE STRUCTURED CABLING SYSTEMS (SCS)

Mercury has been installing Structured Cabling Systems (SCS) since the company was established in 2016. Firmly established as fibre optic specialists, this expertise remains at the heart of our service offering to clients. Over the years, Mercury has designed and installed SCS into a wide variety of environments including Data Centres, Offices, Factories, Trading floors, Hotels, Schools, Staff Accommodation, MoD, and Retail.



EUROPEAN REACH

We have established a proven track record of supporting some of the world's largest blue chip organisations throughout Europe and beyond to ensure a consistently high standard of workmanship and quality is achieved regardless of location. We are proud to hold top tier accreditation status with industry-leading manufacturers and ensure that our Engineering teams are updated with the latest training to support the specific requirements for each accreditation.



DESIGN REASSURANCE

The correct design of a modern SCS solution is of vital importance. This can be a daunting task given the ever changing world of IT and the many factors that need to be included prior to deploying a solution. It's therefore reassuring to know that our in house design team are on hand to assist. This process includes mapping the logical hardware to the physical cabling requirements to ensure that not only day one but future requirements can be achieved by providing a flexible & scalable solution. Surprisingly this element of design is often overlooked leading to costly downtime and unnecessary expense further down line.



INSTALLATION EXCELLENCE

Regardless of scope, our experienced installation teams are equipped with correct tooling, plant, test equipment and training to ensure that our high standards are upheld. Our workforce is supported by a dedicated team of Project Managers, Account Managers and back office support functions including HSEQ, CAD and Procurement.



OUR SERVICES

- 🌐 Planning- surveying, documentation and access planning
- 🌐 Installation and/or jointing of copper and fibre optic cabling
- 🌐 Wi-Fi – installation & managing network-wide provision
- 🌐 Cable services: installation, recovery and disposal, track,
- 🌐 Trace and correlation
- 🌐 Inductive loop and track to train communications
- 🌐 Connectivity to axle counters, track circuits and all other
- 🌐 Signalling assets
- 🌐 Equipment recoveries
- 🌐 Civil works installations
- 🌐 Complete internet Access Solutions
- 🌐 Wi-Fi bandwidth monitoring & access controlling
- 🌐 Wi-Fi billing & reporting
- 🌐 Structured cabling
- 🌐 Customized hotspot integration

WI-FI HOTSPOT

- Username based authentication
- Bandwidth Control / Data Usage Control
- Automatic authentication based on IP / IP&MAC or Multiple IP
- Concurrent Login control
- Bind MAC & IP along with Interface
- HoS Control (Hours of Service) - Means you can provide the internet only on the specified time
- Day-Time bandwidth plan and Night-Time bandwidth plan
- Browsing control based on Hotspot username / MAC / IP
- Detailed user based reports up to connection details
- Application Filter control
- Http / Https / Https Interception level control
- Mobile / Tablet / Gaming console blocking during college hours
- Download / Upload Data control
- Education youtube control per user/group wise
- Four different proxy timing control per user/group
- Hotspot comes with Data Top-up / Validity Top-up with built-in

TECHNICAL MOVES



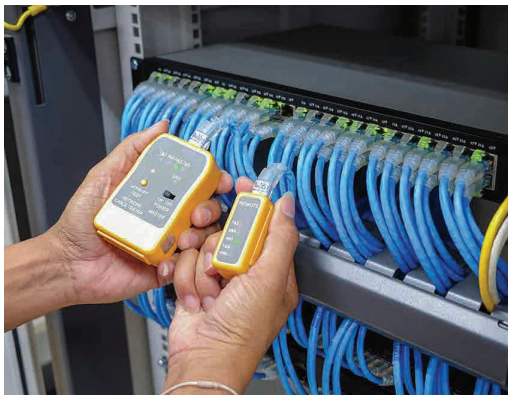
SPECIALIST EQUIPMENT TRANSPORTATION WITH CARE AND PRECISION

Mercury offers a comprehensive service and proven expertise when it comes to moving and reinstating your organisation's IT equipment. We are used to transporting a wide range of specialist equipment, including: SAN, servers, server blades, switches, telephony, desktop PC and peripheral devices. "Fail to prepare, prepare to fail" is our mantra when it comes to an equipment migration. We work closely with our clients to ensure that all aspects of the migration are captured prior to commencement of work, ensuring there are no unpleasant surprises on move day. We start by gathering the facts:



CRITICAL TIMELINES & AUDIT

The key to a successful move starts with creating a timeline and logistics plan including correct vehicle selection, transportation route planning, engineering resource, and key project milestones. We start by locating, documenting and labeling all devices. All relevant connectivity is captured to ensure the target destination can be pre patched (if required). The environment is also audited at both sites to ensure devices can be safely moved throughout and between the facilities. All audit information is captured via suitable application software for traceability and record keeping.



PRE PATCH

Pre patching the target location site provides re-assurance that the new location is expertly cabled and tested ready to receive the incoming IT equipment. This ensures a smooth transition between sites minimising operational disruption. tested ready to receive the incoming IT equipment.

TRANSPORTATION AND EQUIPMENT

- Flight cases
- Skates
- Server lifters
- Cabinet lifters
- Cages
- Stair walkers
- Spreader plates

Vehicles range from 3.5 tonne purpose built low loaders to 40 tonne articulated lorries, all of which are fully insured to transport high value, specialist equipment throughout the UAE ,UK and Europe. All vehicles are fitted with GPS devices to ensure the security of transported equipment and to aid with route tracking.

SCOPE

Our IT relocation service ranges from small office moves and server relocations through to large Data Centre and corporate office redeployments. Regardless of scope, you can be assured that our employed operatives are trained and qualified to ensure that your specialist equipment needs will be handled safely and professionally.

TECHNICAL

Our team of qualified Engineers ensure that your working environments comply with the latest safety regulations. We offer nationwide coverage and experience in a wide range of environments including: Enterprise, Industrial Automation, Schools and government offices, Retail. Regardless of environment, you can rest assured that our Engineers will arrive suitably equipped with the correct tooling, plant and safety equipment to undertake the task in hand. Safety is at the core of all the services we offer, whether your requirement is for electrical moves adds and changes, periodic inspections, lighting upgrades or emergency light testing through to a full design and build service covering, refurbishments and new build electrical requirements. Mercury will work closely with you to determine the best solution. All of our wiring installation and rewiring work meets the requirements of IEEE wiring regulations BS7671. As part of our Electrical service suite, Data Techniques designs electrical containment systems ensuring cables and wiring are protected with safe and practical management systems. This service has been extensively deployed with carrier providers throughout the country.

OUR SERVICES INCLUDE:

- Lighting / Emergency lighting solutions
- PAT testing
- Periodic inspection and testing
- Rewiring in accordance with IEE Wiring Regulations, BS7671
- Maintenance and repairs
- Preventative planned maintenance
- Electrical containment
- Secure locations in accordance with JSP480 requirements
- Moves, adds and changes
- Complex installations

EXTERNAL DUCT WORK & GPS MAPPING

Mercury offers a comprehensive civil engineering capability to the telecommunications sector including surveying, planning and delivery. Our capabilities range from small excavations for building entries to large scale wide area network (WAN) installations. Our dedicated team has extensive experience of re-routing and installing cables safely and efficiently, meeting time and budget requirements. Preparatory work involves feasibility programming and ground condition surveys, GPS plotting and AutoCAD drawing preparation by our in-house team who are experienced in creating practical, cost-effective solutions. We regularly undertake the permitting and consent works required to obtain Way-Leave and searches of stats to enable works to be effectively planned, we also obtain all necessary statutory consents and local authority approvals as well as meeting all NRWSA requirements. Methods such as directional drilling and underground ducting will ensure that cables can be installed exactly as required regardless of environment. You can rest assured that our expert project management support will assist in guiding you through this potentially challenging process, every civil engineering project is unique and will be treated as such.

- Routing metropolitan and wide area networks (WAN).
- Campus excavation works for link connectivity.
- 24/365 WAN/LAN/WIFI break-fix /contract support
- Feasibility programming, ground condition surveys and statutory consents.
- Project management.
- Obtaining statutory consents and local authority approvals.
- Adhering to regulations and legislation.
- NRSWA accredited personnel.
- GPS plotting and routing.
- Directional drilling and underground ducting.

INTELLIGENT LIGHTING & IoT DEPLOYMENTS

High on the agenda of many organisations is to provide high quality working environments to attract and retain key staff, increase productivity and provide more collaborative working environments. The advent of affordable LED lights improves the look and feel of a working environment as well as providing significant energy savings. Combining this technology with a rich sensor network and granular controls not only improves energy savings, but allows for convergence with other Building systems and gathers data about building usage. Lighting is installed in all buildings and as such is an ideal platform for deploying data gathering sensors at a low cost. Data Techniques design, supply and install intelligent lighting systems delivering the following key benefits:

- Maximise energy savings through LED technology and granular controls
- Convergence with other building systems such as HVAC and meeting room booking systems -providing occupancy data to ensure spaces are heated or cooled based upon occupancy, and "no shows" in meeting rooms can be identified and acted upon.
- Data gathering – understand how space is being used, such as "hot desk" areas and other spaces. Allowing informed decisions to be made by building owners on future real estate requirements.
- A range of applications to indicate traffic patterns, temperature and rooms and breakout areas that are available or in use. As the workplace continues to evolve lighting can play a major part in deploying low cost IoT solutions across a whole estate.

HIGH PERFORMANCE BUILDINGS

Regulatory compliance is driving the need for organisations to reduce their carbon footprint and energy usage. This brings into sharp focus the need for efficient, collaborative and intelligent building. Creating an intelligent building should help to minimise operational costs, optimise facility resources, and provide an improved user experience helping to ensure maximum user productivity. Installing LED lighting as part of your intelligent network ensures that lighting is available only when needed, helping to drive environmental and cost efficiencies. In the UK up to 25% of commercial building energy costs is spent on lighting. The latest LED lighting solutions last up to 25 times longer than traditional incandescent bulbs and up to 12 times longer than halogen tubes saving energy and eliminating costly maintenance. An IoT sensor network can monitor and control the amount of natural light and adjust light levels accordingly. It can also adjust light levels according to room occupancy adjusting the temperature (via an API, linking to the HVAC system) to avoid unnecessary costs and maintain a comfortable working environment. Room occupancy and daylight harvesting technologies can help reduce energy consumption by up to 40% (Sources: Energy Savings Trust, TheGreenAge, Carbon Trust). Working in partnership with Enlightened, the IoT intelligent monitoring and control sensors give granular level data which enables stakeholders to make informed decisions about their estate. The Enlightened solution works seamlessly with fluorescent and LED lighting and the Wireless solution makes it ideal for retro and new build fit outs.

ROOM BOOKING SOFTWARE SOLUTIONS

Technology has changed almost every aspect of the workplace, this includes how you can manage and book your meeting and training facilities. Over a third of meetings are unplanned and finding a suitable space can be challenging, also, one in five meeting rooms booked out are subsequently never used. Utilising the installed sensor network Mercury can offer bespoke room booking software designed to:

- Optimise room usage
- Analyse room costs
- Facilitate room access
- Monitor cancellations and 'no shows'

It is rare that a meeting or training room is used in isolation of any other services; most users will require Wi-Fi, and audio and visual equipment. Our room booking software enables requests to be logged helping to keep track of requests, occupancy, utilisation and availability in turn improving user experience and efficiency. Booking software installed and supported by Mercury can revolutionise how you book, manage and monitor your room bookings. This is an opportunity to make this particular operation as

- Lighting
- Intelligent sensor networks
- Room booking solutions
- Audio and visual solutions
- Surveillance and digital CCTV
- API integration
- ICT
- Wi-Fi efficient and effective as possible.

ICT

Information Communication Technology (ICT) has become ofgrowing importance in our everyday life's with ICT technology spanning domestic applications through to global organisations looking to add is digital technology that helps individuals, businesses and organisations use information. covers any product that will store, retrieve, manipulate, transmit or receive information

electronically in a digital form. Given the vast array of concepts, methods and applications involved in ICT its little wonder that things evolve at an alarming rate, making it difficult to keep abreast of emerging trends, products and protocols. Mercury work with leading hardware and software manufacturers to

keep up to date with ICT trends which enable us to innovate and create solutions to meet the needs of our clients.

Our ICT service offering includes:

- Room booking solutions,
- Access control (door entry)
- IP security and surveillance
- Wi-Fi
- Audio Visual products
- IoT lighting solutions.

We have deployed ICT in a range of environments including high end residential, corporate office, Data Centre and Retail, making Systemtech a trusted partner for ICT deployments.



REACTIVE NETWORK INFRASTRUCTURE

In the fast paced world of IT infrastructure there are often minor and smart hands works that are over looked. It is therefore reassuring to know that mercury have a dedicated business unit that can provide pro-active and reactive installation services around the clock. This service has been core to our business since we founded in 2016 and we are proud to offer an agile and tailored service to meet our client's needs. Our skilled network infrastructure teams are on hand to assist with:

- Fibre optic and copper infrastructure requests
- Smart hands
- Moves add and changes
- Patching services
- Basic network configuration services.

We deliver in excess of 500 projects annually to many clients including collocation, owner

operated data centres, PoP sites, ISP's and Enterprise facilities. Our flexible approach to delivery enables us to respond to specific SLA's or simply react to a phone call to help. We pride ourselves in offering a fast, professional service with dedicated and competent staff



Great Customer Care



Awesome Feature Pack



Customer Support

GET IN TOUCH

☎ 043436354

✉ Info@mercury-networks.com

📍 ETA STAR HOUSE Building , Salah Al Din,
Dubai, UAE



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