



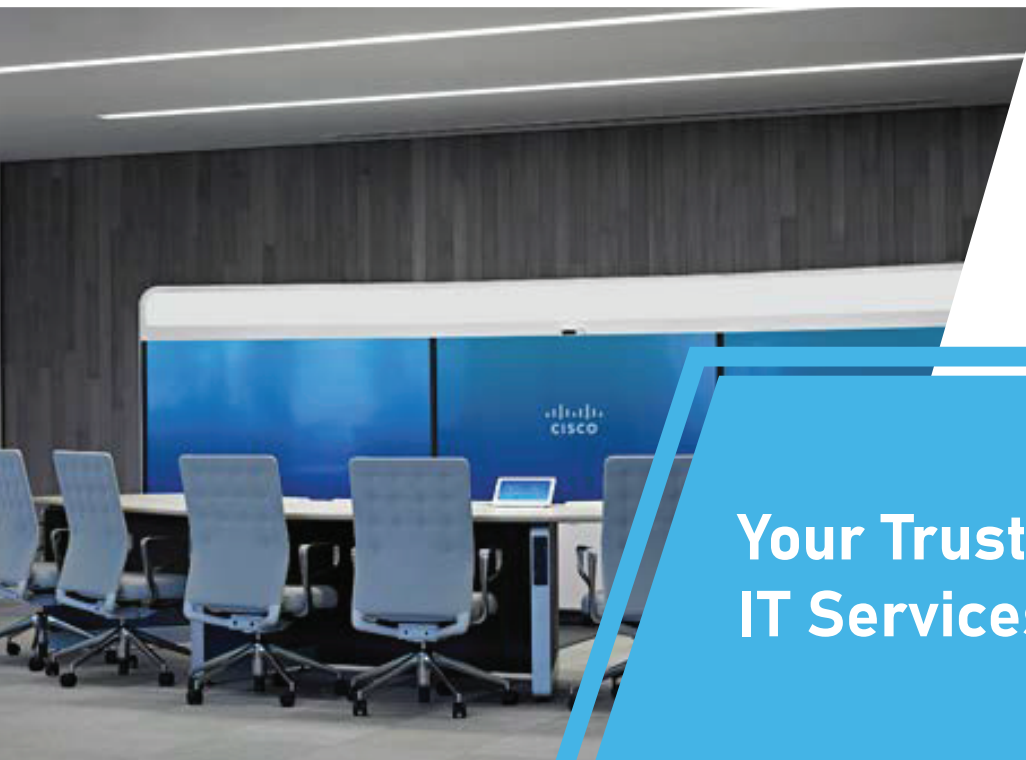
**IT AND COMMUNICATION
SOLUTIONS PROVIDER**



The Company

Iridium Solutions is an Iraq registered company serving the entire country from our offices in Erbil, Baghdad, and Basra. The company has extensive know-how and a proven track record delivering IT products and services in the region. Our international customer base includes clients in Oil and Gas, Banking, Education and Hospitality among other.

Our world-class team of professionals and strategic partnerships with Cisco, VMware, Microsoft, PaloAlto Networks, Leviton, Eaton and others allows us to provide solutions to meet any IT need. Additionally, our internet service and VOIP provider relationships allow us to deliver complete end-to-end solutions anywhere and in any environment.



**Your Trusted Source For
IT Services Since 2009**

Our Mission

- ◆ Iridium Solutions provides the design, deployment, and support of end-to-end IT solutions with an emphasis on quality and reliability.
- ◆ Our design goals are to make the system operate as it does in the home office, no matter how remote the location.
- ◆ Our deployment goals are to deliver the product tested and on time so that our clients can focus on their core business.
- ◆ Our support goals are to resolve issues before they occur, and to have the right skill sets on hand to respond promptly to any issues that do occur.
- ◆ When these goals all come together, the result is a solution that allows our clients to operate at maximum productivity, no matter where they happen to be.



What we do

- ◆ IT System Consultation, Design, Implementation and Support
- ◆ Sales of Hardware, Software, Network Solutions, and Accessories
- ◆ VSAT and Terrestrial Connectivity
- ◆ Professional backup, Fault tolerance, Archiving, and Recovery solutions
- ◆ Collaboration Solutions using VOIP and Video
- ◆ IPTV and CATV Distribution Systems
- ◆ CCTV Deployments
- ◆ Power Solutions for Datacenter, Infrastructure, and Desktop
- ◆ Security Platform Solutions
- ◆ Passive Infrastructure including Cabling, Fiber, and Racks

Our Partners





**Our Products
and solutions**



STULZ

CyberRow

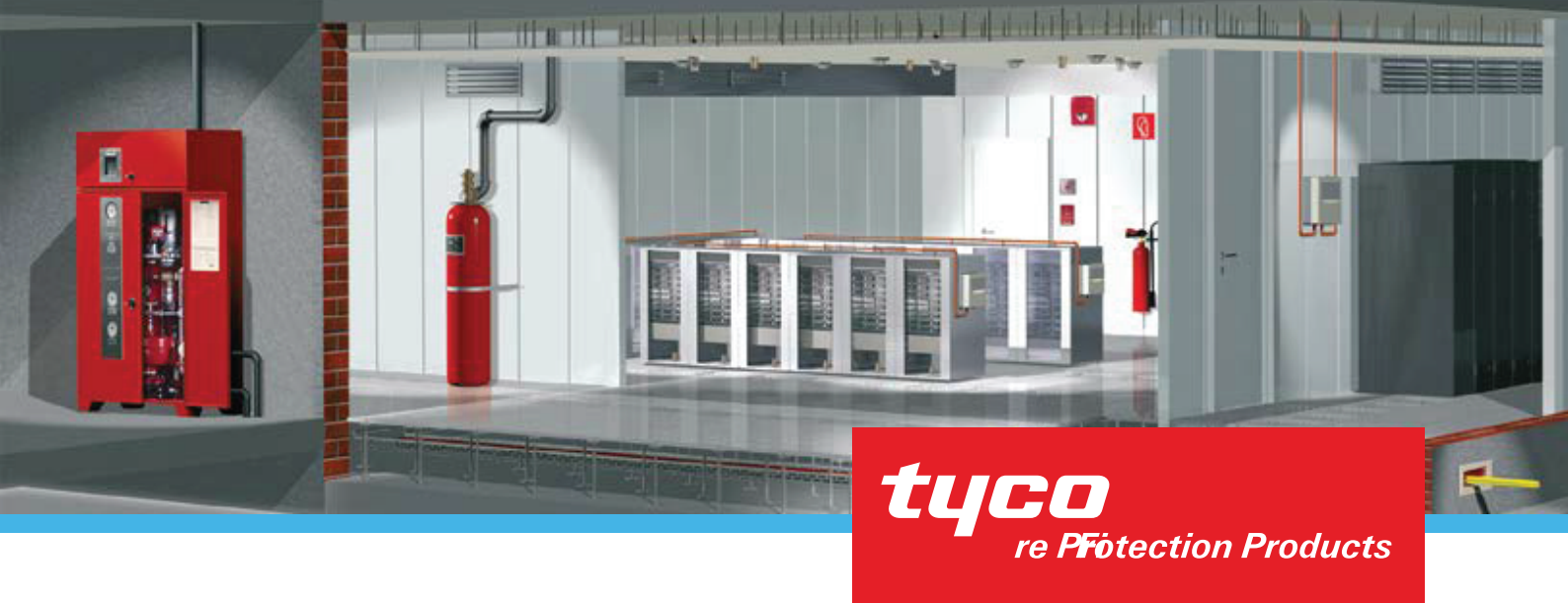
Intelligent air flow control for more efficiency in Rack cooling

CyberRow is an A/C unit for the targeted cooling of high-density racks. In CyberRow, innovative horizontal air conduction has been enhanced with state-of-the-art technology boasting high performance, flexibility and efficiency.

Fluctuating server rack loads, space restrictions, lack of a raised floor, existing high-density server technology – these are exactly the tricky situations from everyday practice that CyberRow has been specially developed to deal with.

- ◆ Minimal energy consumption.
- ◆ Can be used with racks from any manufacturer.
- ◆ Complete system separation between rack & A/C unit for maximum reliability.
- ◆ High performance results in the smallest space.
- ◆ Precise temperature control
- ◆ Available in 4 different cooling systems.





tyco
re Protection Products

NOVEC-1230 FIRE FIGHTING SYSTEM

An environmentally friendly clean agent system, and the solution of choice for protecting people and high value assets

NOVEC fire suppression system from LPG/Tyco UK conforms to NFPA 2001 and ISO 14520-9 UL (USA) listed

- ◆ The system consists of modular cylinder located inside each room filled with NOVEC agent discharging to the enclosed space.
- ◆ Other features : Pressure gauge and low pressure switch on each cylinder to monitor internal cylinder pressure
- ◆ Agent cylinders, actuators, gas nozzles, valves and accessories are according to NFPA 12 and 2001 Standard Fire Extinguishing Systems.
- ◆ Detection equipment including FACP (3-zones), two optical smoke detectors, one sounder, one sounder/beacon, one manual release and one Abort station.



LPG



Environment Monitoring System

Environmental monitoring systems prevent hardware damage to server rooms, data centers and network closets with critical condition alerts and remote reboot capability.

Monitor Temperature. The most common environmental threat in any server room or wiring closet is heat. Detect critical rises or drops in temperature, and receive notifications when heating problems occur.

Monitor Humidity. Detect abnormal humidity conditions. You define the humidity levels that are appropriate for each sensor's environment.

Detect the Presence of Water. Whether it's a tripped sprinkler system or a flash flood, a server room or wiring closet is just about the last place you want to see water. Receive notification as soon as water makes an appearance.

Monitor Physical Security. Monitor "dry-contact" devices including motion sensors, door sensors, vibration sensors and smoke detectors. **Control Power.** Remotely reboot and control power (on/off) to servers and network devices.





MERO TSK

MERO Access Floor

Mineral Fiber Raised Access Floor / Fire-retardant / Indoor

The MERO access floor system type 6 is suitable for data processing centres, electric operating rooms, laboratories, production areas and power plants. The access floor panel type 6 consists of fibre-reinforced mineral material which is non-combustible acc. to DIN 4102 and which can additionally be provided with steel sheet or aluminium foil by advanced backing procedure.

Advantages

- ◆ High flexibility
- ◆ Easy installation of additional equipment and supply lines
- ◆ Variable construction heights, more than 1.000 mm on request
- ◆ Huge installation plenum
- ◆ Easy handling of the panel material
- ◆ Good fire protection properties
- ◆ Good sound absorption values
- ◆ Suitable for the application of various floor coverings



Security

In today's connected everywhere landscape, securing your systems is one of the greatest challenges organizations face. The traditional firewall and antivirus combination has fallen far behind in the arms race, and only next generation solutions can provide the level of security that is required.

Iridium Solutions is a proud partner with PaloAlto Networks and Symantec which provide Next Generation solutions that address the entire threat landscape and provide the highest possible level of security against bad actors from both outside and inside your organization.

We achieve this by approaching security from a platform level, rather than from individual devices. Our solutions provide security managers a comprehensive view of their entire network with proactive policies and actions that keep your organization safe.





Network infrastructure

Iridium Solutions is a very active Cisco Partner with certified professional engineers.

In addition to our Premier Certification, we are proud to carry these additional specialities:

- ◆ Express Foundation
 - ◆ Advanced Borderless Network Architecture
 - ◆ Advanced Datacenter Architecture
- We have a long record of experience in designing, deploying, and maintaining Cisco networks. In addition to switching and routing, we also offer full VoIP and VTC solutions. Whether you just need a VNP setup for a remote office, or a full implementation for a 1000+ user campus, we have the manpower and experience to deliver your solution effectively and on time.

Connectivity

If you have your own IT infrastructure and just need the connection to the outside world, we can provide both VSAT and Terrestrial (where available) bandwidth to your site. We have a wide variety of options including:

- ◆ Shared VSAT bandwidth over iDirect systems.
- ◆ Dedicated DVB-S2/SCPC or SCPC/SCPC bandwidth for larger deployments.
- ◆ VNO capabilities to provide cost-effective solutions to service multi-site deployments.
- ◆ Quality, Fault-tolerant connections to the fiber backbone in areas where available.
- ◆ Wireless (including Microwave) point to point solutions for distribution to “edge” locations.

Cloud services

In today's evolving landscape, employees must be able to access information nomatter where in the world they are. Thecloud has become a ubiquitous solution allowing companies to increase collaboration and productivity.

Iridium Solutions works closely with cloud services such as Microsoft Office365 and Azure, Amazon Web Services, VMware, and others to provide creative solutions for your companies needs.

We also use the cloud in conjunction with networking infrastructure to provide management and insight to your remote installations no matter where you are. All of these implementations are done with the highest security by leveraging our partnerships with providers such as PaloAlto Networks to provide peace of mind for your operation.

Collaboration with VTC and VoIP

The ability to communicate is the key to any successful business. Iridium Solutions provides the systems and tools to take your collaboration infrastructure to the next level. With products from Cisco, Avaya and our custom white-box PBX we are able to solve for collaboration problems at many budgets. We can also provide many Video Teleconferencing (VTC) solutions scaled to match your organization's need.

Iridium Solutions has agreements with several providers, both for international VoIP and for local service. We are therefore able to provide you both local numbers for your communications in Iraq, along with international numbers that match your company's other locations



Collaboration in the Cloud

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Backup, fault tolerance and recovery

Safeguarding and storing data is a critical component of any modern network. It is no longer acceptable to rely on outdated tape drive systems in case of hardware failures in your server environment.

Iridium Solutions meets this challenge through the use of enterprise grade systems from providers such as EMC, Veritas, VMware, Veeam, and Symantec to enable true peace of mind for your data. Our solutions provide true fault tolerance and data replication, ensuring that even when a major component goes offline, your data is safe and your systems remain operational.

We know how important data is to any organization, and our solutions take every possible scenario into account to provide your organization with true peace of mind.



Network cabling

A professional passives installation is an absolute necessity when deploying any network. All of the time and resources spent getting the best active components are rendered null if the passive infrastructure fails because of inferior products or installation.

Iridium Solutions uses Leviton brand network products to ensure that this never becomes a problem. We can everything from small office installations to large multi-site deployments using professionally installed Cat6 and Fiber.

We also have all of the products and solutions to provide professional datacenter installations including cabinets, raised floors, and accessories providing standards which allow for easier maintenance and a longer life span for your equipment.

Power solutions

We provide reliable computer battery backup systems, power management applications, and series of computer accessories for desktop, workstation, and network equipment.

The power industry is changing rapidly. The role of the IT department within an organization is quickly evolving from network and data support to developing complex systems and processes that drive the business. This increased reliance on networks, data, and information systems makes reliable power more critical than ever.

At Iridium Solutions, we understand emerging technologies and the strategies required to implement them. As power experts, we are trained to help IT and facilities managers sort through the tech chatter and develop real solutions that fit their needs and their budget.

Whether you need UPS systems and batteries, DC power plants, Power Systems Engineering, or on-site services and preventive maintenance, we have experts on staff to help with anything power related from the main switchgear in your building, to the data center, and throughout the network right down to the smallest desktop UPS.



Quick-deploy IT containers

This solution is custom designed to provide everything required for remote deployment of a complete communications suite to remote camps. All that is required is a place for the container, along with power and water connections. The rest is self-contained and includes everything that is needed for communications in a fully redundant system.

The quick-deploy IT container has 2 separate VSAT systems operating in a failover configuration with different satellites to alleviate the frequent weather outages that are common for this technology.

- ◆ Primary VSAT – C-Band, high capacity. Up to 20 Mbps download speeds available.
- ◆ Secondary VSAT – Ku Band backup. Up to 4Mbps on backup link, bandwidth available when needed.
- ◆ Robust network setup with Router, Firewall, Packet Shaper, Link Balancer, File Server, and Switches.
- ◆ Highly engineered infrastructure with redundant power and cooling, sealed server room, environmental monitoring, and voltage regulation with grounding.
- ◆ High quality wired Ethernet distribution with PoE.
- ◆ Wireless distribution system for reaching line of sight areas out of reach of the wired network
- ◆ Fully functional VoIP system with IP telephones, extension to extension calling, GSM capabilities, and SIP trunking for clear calls to the outside world.



Network cabling

Our CCTV video surveillance solutions draw on the most advanced digital video and audio monitoring, recording and communications technology available today. Video data management forms the foundational element of our integrated Building Management Systems, allowing us to build versatile, networked solutions with fully integrated command and control centers located either on or off the client's site. Iridium Solutions offers various digital recording technologies to suit the application requirements independent of camera type, including integrated and video-over-IP architectures.

Our premiere partnerships with Axis Communications, Milestone Systems, and Hikvision allow us to properly scale and deploy the right sized solution for any client, from small offices to enterprise campuses. Our additional expertise in networking, servers, and storage allow us to fully integrate the CCTV solution professionally. The versatility and configurability of our surveillance systems allow us to craft solutions from simple requirements with a few cameras through to large campuses requiring thousands of cameras and enterprises with multiple networked sites.

A professional CCTV installation benefits corporations and institutions in many ways, including security and theft deterrence, employee productivity monitoring, process control and health systems monitoring. Properly recorded surveillance footage is essential for the prosecution of offenders, internal disciplinary hearings and in the monitoring and control of production and manufacturing standards. All types of CCTV systems are covered including:

- ◆ HD Security Cameras
- ◆ HD Surveillance Systems
- ◆ Remote Access via smartphones & tablets
- ◆ Hidden cameras
- ◆ DVR surveillance camera systems
- ◆ Megapixel IP cameras
- ◆ Dome security cameras
- ◆ Bullet security cameras
- ◆ Pan tilt zoom cameras
- ◆ PTZ security cameras
- ◆ Infrared cameras



Distribution services

An organization often needs to provide distributed services for people outside of their corporate networks. This is common in hotels, banks, restaurants, and even for remote field sites where it is desired to provide internet and entertainment to the workers there while not degrading the system for operational requirements.

Iridium Solutions has extensive experience in this area, with successful implementations of internet and television services for camps of over 1000 persons. We use hotspot systems for internet that are completely independent of the corporate LAN, along with advanced IPTV solutions that allow for quality, cost effective television service distribution that provide useful features such as custom information channels. These solutions can either be set up and paid directly by the host organization, or deployed in such a way that the individual users pay for the services they desire and the organization turns an expense into a profit source.

Cloud management and payment solutions make the integration of these systems easy to operate and manage. As with all of our services, our Network Operations Center remains at the organization's disposal during contract terms.

Support services

Support may be the most critical ingredient for any IT solution. Iridium Solutions understands this and we continually invest in our support infrastructure to ensure that we have the right manpower and skillsets available for our clients when they need us.

We maintain a 24/7/365 Network Operations Center which proactively monitors the status of all of the links that are under our management. In addition, we have various levels of Service Level Agreements (SLA) available to our customers depending on their business needs.

For customers in remote areas, we offer dedicated support technicians who will stay at their location and be on hand to maintain and support their infrastructure, as well as be available for their employees on site. These positions are managed and scheduled by our administrators in accordance with an organization's policies for time on site and leave. All of our field technicians are highly trained both in the appropriate IT fields, along with extra instruction on topics such as Health and Safety in order to keep in compliance with the international standards our clients adhere to.

Data center infrastructure

Iridium Solutions offers a comprehensive range of Data Center Infrastructure products: racks, cabinets, aisle containment, rack and in-row cooling, access control, CCTV, cable management and power management products. Our data center infrastructure solutions are based on standard designs meeting up to Tier 3 specifications– tailored to meet your specific data center requirements.

Systems include:

- ◆ 19" racks, server and networking cabinets
- ◆ Raised flooring
- ◆ Colocation cabinets with protected cable channels
- ◆ Aisle containment systems for efficient thermal management
- ◆ In-row and in-rack cooling systems
- ◆ PDUs and iPDUs for power management and datacenter monitoring
- ◆ Data Center UPS
- ◆ Comprehensive range of cable management and installation accessories
- ◆ Environmental monitoring and control
- ◆ Physical Access Control systems / monitoring
- ◆ CCTV security



IT Academy

We realize that even the best solutions are worthless if your staff do not have the training to make use of them.

For this reason, we have created our own IT Academy where we can provide classes on Cisco, Microsoft, VMware and others for your IT staff to become proficient the products they will be administering.

We work directly with the manufacturers to provide all of the essential training material required to keep your staff informed and knowledgeable. Additionally, we are a registered Prometric test center and students can take their exams in our office for official certifications

Our events

The IT world moves fast. Everyday new technologies and products are created to make your business successful and your communication more effective.

To help the end-user to understand and make better use of these new technologies and products, we organize Seminars and Workshops in collaboration with our Partners.



Company Profile

Iridium Solutions is an Iraq registered company. The company has extensive know-how and a proven track record delivering IT products and services in the region.

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