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IP GATEWAY
FOR SECURE
HIGH-PERFORMANCE
REMOTE WORKING

IP MODULE SIRA OFFERS A HIGHLY SECURE SOLUTION FOR REMOTE ACCESS TO COMPUTERS

Enterprises are built around people who need to access data, communicate with each other, and perform remote activities. However, many tasks cannot be carried out remotely using traditional packetized IP-connected systems that do not provide sufficient reliability or robust operation.

A solution is offered by the IP module Draco SIRA (**S**ecure **IP R**emote **A**ccess). SIRA delivers highly secure, accessible and immediate access to remote computers.

Signals passed between the operator and computer retain full integrity, have the highest possible transmission rate, and can be switched by the user on demand. Crucially, SIRA maintains maximum system security.

THE PERFECT ADD-ON FOR DRACO TERA SYSTEMS

KVM technology enables distant separation of operators and equipment whilst allowing sharing of common resources. The SIRA IP gateway adds even more distance and by far more flexibility in separating operators from each other.

SIRA is an ideal complement to existing **Draco tera** KVM installations. It adds remote, IP-based connection capability over local- and wide-area networks to KVM systems located at greater distances.

FEATURES AND BENEFITS

- **Highest security for mission-critical environments**
  24/7 operation
  Reliability and redundancy options
  Maximum resistance to cyber-attacks

- **Various configuration modes**
  Direct access to single computers and KVM switches
  IP access via client, browser or dedicated user station
  No requirement for additional client software

- **Contact-free working (social distancing)**
  Backup for evacuation scenarios
  Fully efficient and secure home office
  Control distant computers to BIOS level

- **High performance**
  Low IP complexity
  Low bandwidth overhead; low latency
  Out of band operation

DRACO TERA KVM MATRIX

CON UNIT

SIRA CON UNIT

TCP/IP

HTML 5

CLIENT SW

HTML 5
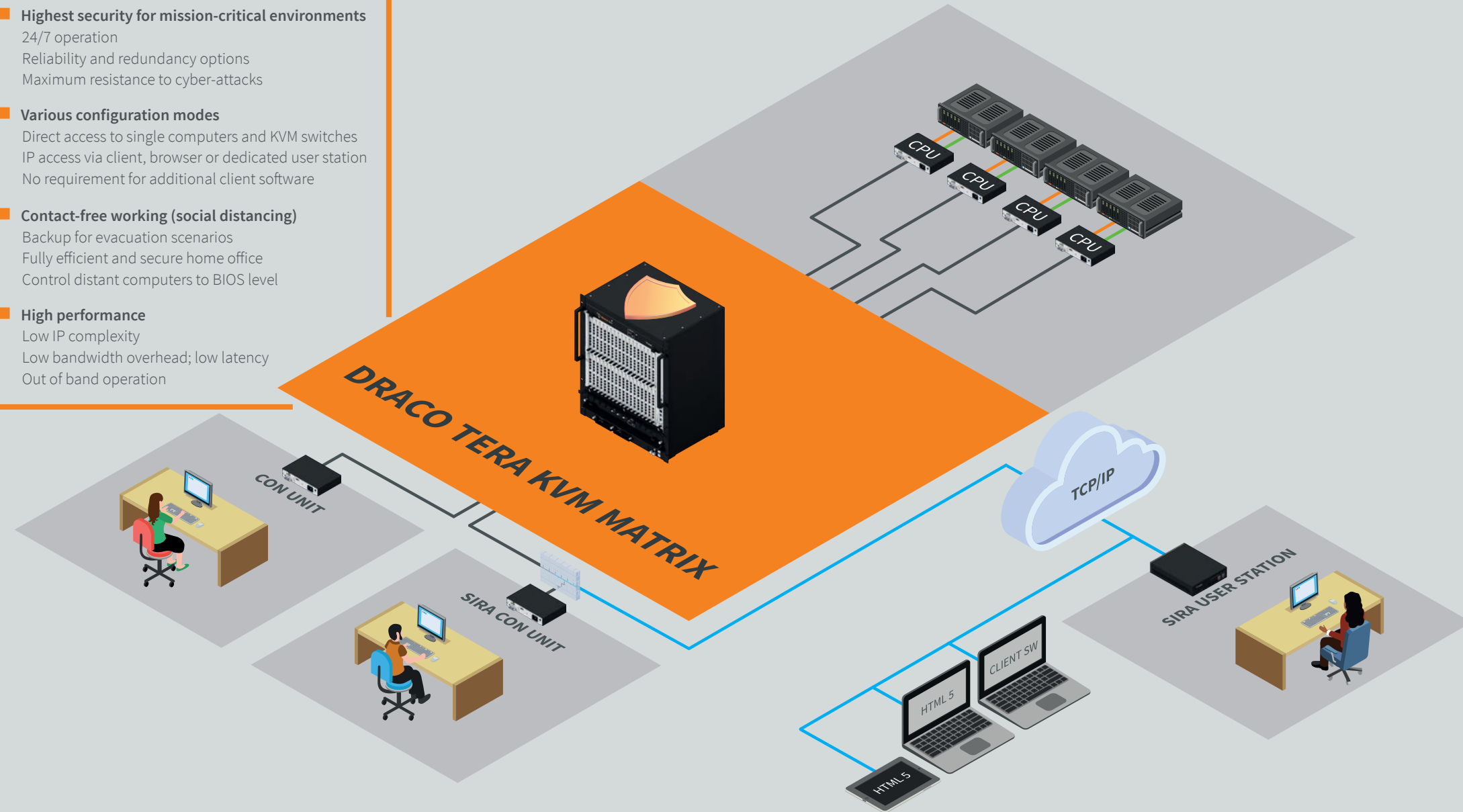
SIRA USER STATION

Draco SIRA CON

Provides remote, real-time, access to a Draco tera KVM matrix via LAN, CAN or WAN. Remote users access the matrix using an HTML5.0 browser, client software or SIRA User Station.

R488-BIPC - Draco SIRA CON, Cat X
R488-BIPCR - Cat X with redundant link interface
R488-BIPS - Draco SIRA CON, Fiber
R488-BIPSR - Fiber with redundant link interface

Draco SIRA Stand-Alone

Individual computers can be accessed and operated remotely over an IP network using an HTML5.0 browser, client software or SIRA User Station. Includes USB virtual media support.

R488-BIPHHL - Draco SIRA Stand-Alone module with native HDMI and USB interfaces

Draco SIRA User Station

Provides remote access to several individual computers over an IP network for multi-session operation. Includes multiviewing support.

K488-UST - Draco SIRA User Station

SUPERIOR PERFORMANCE

SIRA delivers maximum performance with minimal IP complexity. This means that any network switch is supported; there is no requirement for multicast/IGMP or Jumbo Frame settings. It offers adaptive bandwidth control. Further, it has only minimal requirements to pass a firewall.

SIRA supports transmission of keyboard, video and mouse signals, along with audio, delivering pristine image visualization up to 1080p60 and 4k30 at 24-bit color depth (4:4:4).

SIRA operates in single- and multi-session modes with the capability of simultaneously displaying several sources on a single monitor using quad-split or picture-in-picture image layouts. For even greater flexibility, images can be spread and duplicated over multiple user monitors.

SECURITY AND RELIABILITY

SIRA incorporates multiple built-in safety layers to ensure total privacy and integrity of intellectual property. It incorporates 2-layer log-in authentication for SIRA and Draco tera KVM switch access. IP address range masking is available for inbound and outbound connections. Data is secured through RSA2048 key, AES128/256-bit encryption.

Accessing or manipulating the SIRA firmware-based operating system is impossible over the network or through the user interface, which is further protected by an encrypted signature. Redundant power supply and link port configuration options maximize operational reliability and minimize system down-time.

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TV STATIONS AND BROADCASTERS

Major broadcast organizations use SIRA IP modules to carry out remote administration and management tasks, adding to the flexibility and convenience already offered by extensive Draco tera KVM systems.

SIRA enables system administrators to access their KVM system from any remote location in a flexible manner via private or public networks, whilst maintaining the highest security precautions.

AIR TRAFFIC MANAGEMENT

A major airport control center incorporates a SIRA CON and SIRA User Station solution into a Draco KVM switching system. The SIRA system enables centralized supervisory and management staff to access and control the system, wherever they are located.

SIRA User Station's multiviewing functionality allows remote supervisors to view all crucial data at a glance and act in real time – a decisive feature in all mission-critical applications.

24/7 CONTINUITY AND BACKUP

Essential utilities, such as electricity, transport, water and gas are normally managed from centralized control rooms. These, and other industries and commercial organizations, must continue to operate effectively during unforeseen disruptive events.

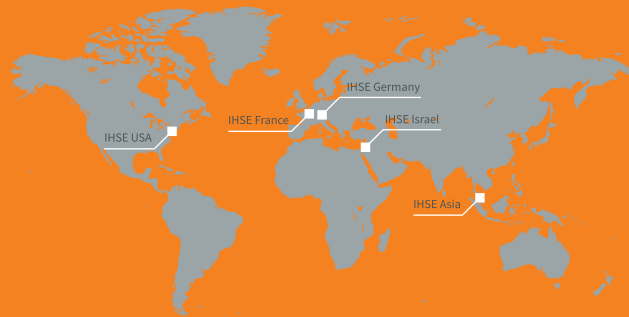SIRA enables fallback operation from any remote location for continuing operational tasks.

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SECURE KVM SOLUTIONS ■ IP ACCESS ■ MISSION CRITICAL 24/7