NEW

Estap®

Data Center
Solutions

Cabinets

DMAX Datacenter Server Cabinets are designed for providing Hot Aisle, Cold Aisle and its containment structure, which has been widely used in enterprise datacenters.

Design criterias serve to provide;

- Maximum performance for cooling of IP20 and IP55 solutions.
- Wide Range of cabinet sizes and ample variety accessories.
- Maximum inner space for servers
- Minimum environmental space requirement
- Professional cable management
- Heavy duty structure
- Compatibility with all vendors' servers
- High technical performance; grounding continuity
- Power/Energy management
- Controllable and reliable security by monitoring
- Aesthetic and professional view

Cooling Solutions

Hot Aisle, Cold Aisle, Cold Aisle Containment, Hot Aisle Containment, Perforated Doors, Open/Closed Loop Cooling Systems (In Row / Side Cooler)

Certified Standards:

Environment: EN 61587-1 / 4.2, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-30, IEC0917 and IEC 60297

Industrial Environment: EN 61587-1 / 4.3, IEC 60068-2-42, IEC 60068-2-43 and IEC 60068-2-49, IEC 60068-2-1, IEC60917 and IEC 60297

Statical Mechanic Structure Load Test: EN 61587-1 / 5.2.1, IEC60917 and IEC 60297

Statical Mechanic Structure Stability: EN 61587-1 / 5.2.2, IEC60917 and IEC 60297

Dynamic Load, Vibration and Mechanical Stroke: EN 61587-1 / 5.3.1, EN 61587-1/5.3.3, IEC 60917 and IEC 60297

Grounding Continuity: EN 61587-1/6.2, IEC 60917 and IEC 60297

Fire and Flame Resistance: EN 61587-1/6.3, IEC 60917 and IEC 60297

Corrosion: ISO 9227 and ASTM B 117-85, IEC 60917 and IEC 60297

IP Protection Degree: IP20 or IP55 accordingly EN 61587-1/6.4 IEC 60529, IEC 60917 and IEC 60297

Quality System: ISO 9001

1200 kg. Load Carrying Capacity

NEW

Solutions for
Sustainable and Efficient

Data Centers

Power Distribution

Intelligent IP PDUs; Managed PDU, Monitored PDU, Basic PDU

Remote Monitoring & Management

Remote Monitoring System, Temperature, Humidity, Airflow, Security, Water Leakage, AC/DC voltage, mAmp Converter, Smoke Detector, Motion Detector, Vibration Detector, Sensor Controlled Relay

Remote Monitoring System
EST RM 8164

USB   Network   RS-485   TR   Reset

Estap

Cable Management

Inner and overhead cable management

KVM & Consoles

Analog KVMs, LCD consoles with / without KVMs

Solutions for
Sustainable and Efficient

Data Centers

NEW

CONTENTS

Solutions for Data Center
Cabinets

Type: Free Standing - 19" - IP20

1200 kg. Load Carrying Capacity

Width x Depth : 600x1000mm. / 600x1100mm. / 600x1200mm.

Width x Depth : 800x1000mm. / 800x1100mm. / 800x1200mm.

Heights : 42U, 47U

Material:

Sheet steel
Enclosure frame-closed form:1.5mm.,
Door(s):2mm.,
TopCover:1.5mm.,
Bottom Cover:2mm,
Side panels:1.5mm.
Gland plates, three part:1.2mm.
19" mounting angles:1.5mm.
C rails:1.5mm.
Perforated panels:1.2mm.

Surface Finish:

Enclosure frame, doors, cover, panels:
Powder coated RAL7035 or RAL9005 textured.
19" mounting angels, C rails, cable trays:
Zinc-plated.

Protection Category:

IP20 to EN60529

Shipping Includes:

Enclosure of all-around solid construction(1ea.)
63% perforated front door(1ea.)
63% perforated rear door(1ea.)
Side panels(2ea.)
Top cover (1ea.)
Gland plate at bottom(3parts=1set)
Door hinges(6set)
3point locking system at front and rear,
convenient to use half cylinder(2set)
19" mounting angles (2ea. at front, 2ea. at rear.)
All earthing points (on every panel.)
Fixing materials for inner parts(1set)
Plinth, Levelling Feet

Order No.	Description
SRV-ES42U61055 PWP	19" 42U 600x1000mm. DMAX IP20 63% Perforated Rack Cabinet + Levelling feet
SRV-ES42U61155 PWP	19" 42U 600x1100mm. DMAX IP20 63% Perforated Rack Cabinet + Levelling feet
SRV-ES42U61255 PWP	19" 42U 600x1200mm. DMAX IP20 63% Perforated Rack Cabinet + Levelling feet
SRV-ES42U81055 PWP	19" 42U 800x1000mm. DMAX IP20 63% Perforated Rack Cabinet + Levelling feet
SRV-ES42U81155 PWP	19" 42U 800x1100mm. DMAX IP20 63% Perforated Rack Cabinet + Levelling feet
SRV-ES42U81255 PWP	19" 42U 800X1200mm. DMAX IP20 63% Perforated Rack Cabinet + Levelling feet
SRV-ES42U61055 P	19" 42U 600x1000mm. DMAX IP20 63% Perforated Rack Cabinet + plinth h:100mm. + Levelling feet
SRV-ES42U61155 P	19" 42U 600x1100mm. DMAX IP20 63% Perforated Rack Cabinet + plinth h:100mm. + Levelling feet
SRV-ES42U61255 P	19" 42U 600x1200mm. DMAX IP20 63% Perforated Rack Cabinet + plinth h:100mm. + Levelling feet
SRV-ES42U81055 P	19" 42U 800x1000mm. DMAX IP20 63% Perforated Rack Cabinet + plinth h:100mm. + Levelling feet
SRV-ES42U81155 P	19" 42U 800x1100mm. DMAX IP20 63% Perforated Rack Cabinet + plinth h:100mm. + Levelling feet
SRV-ES42U81255 P	19" 42U 800x1200mm. DMAX IP20 63% Perforated Rack Cabinet + plinth h:100mm. + Levelling feet
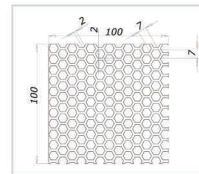
%63 Perforated
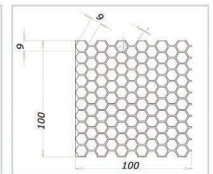
%80 Perforated

High Rated Perforation for better PASSIVE VENTILATION.

Optimum cooling and air flow to the servers; with 63% honeycomb perforation as standard delivery. Perforation can be enhanced up to 80% with different perforation pattern.

* For 47U please contact to sales department.

Estap®

Cabinets

Type: Free Standing - 19" - IP55

1200 kg. Load Carrying Capacity

Width x Depth : 600x1000mm. / 600x1100mm. / 600x1200mm.

Width x Depth : 800x1000mm. / 800x1100mm. / 800x1200mm.

Heights : 42U, 47U

Material:
Sheet steel
Enclosure frame-closed form:1.5mm.,
Door(s):2mm.,
TopCover:1.5mm.,
Bottom Cover:2mm,
Side panels:1.5mm.
Gland plates, three part:1.2mm.
19" mounting angles:1.5mm.
C rails:1.5mm.
Glass: 4mm.

Surface Finish:
Enclosure frame, doors, cover, panels: Powder coated RAL7035 or RAL9005 textured. 19" mounting angels, C rails, cable trays: Zinc-plated.

Protection Category:
IP55 to EN60529; thanks to foamed-in door sealing gasket and sturdy structure.

Shipping Includes:
Enclosure of all-around solid construction(1ea.)
Secure glass front door in solid metal frame or completely solid front door (1ea.)
Rear door foamed with sealing gasket (1ea.)
Side panels foamed with sealing gasket (2ea.)
Top cover foamed with sealing gasket (1ea.)
Gland plate at bottom(3parts=1set)
Door hinges(6set)
3point locking system at front and rear, convenient to use half cylinder(2set)
19" mounting angles (2ea. at front, 2ea. at rear.)
All earthing points (on every panel.)
Fixing materials for inner parts(1set)
Plinth, Levelling Feet(1set)

Cabinets

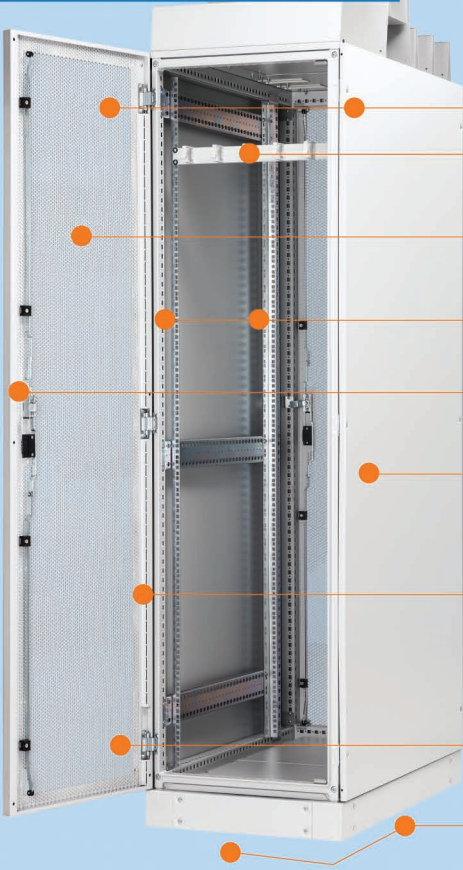| Order No.	Description
SRV-ES42U61055	19" 42U 600x1000mm. Rack Cabinet + plinth h:100mm. + Levelling feet
SRV-ES42U61155	19" 42U 600x1100mm. Rack Cabinet + plinth h:100mm. + Levelling feet
SRV-ES42U61255	19" 42U 600x1200mm. Rack Cabinet + plinth h:100mm. + Levelling feet
SRV-ES42U81055	19" 42U 800X1000mm. Rack Cabinet + plinth h:100mm. + Levelling feet
SRV-ES42U81155	19" 42U 800X1100mm. Rack Cabinet + plinth h:100mm. + Levelling feet
SRV-ES42U81255	19" 42U 800X1200mm. Rack Cabinet + plinth h:100mm. + Levelling feet

* For 47U please contact to sales department.

NEW

Excellent Cooling Applications for IP55
Side cooler unit for closed loop cooling system up to 30kW.
Individual applications by AC cooling units.

Please see more details in catalogue

High Performance by Heavy Duty Framework

The multi-folded frames are in closed structure form, gives high level of stability and load carriying capacity, fully welded front and rear frames to provide up to 1200kg. Load rating.

TSE

Solutions for DataCenter
Cabinets

Door hinges are easily swapped from right to left in all single door enclosures.

Modular solution for extensive system accessories.

Glazed front door of sheet steel with 4mm. single-pane safety glass or perforated front door.

Two pair (1set at front / 1set at rear) of 19" mounting angels, adjustable in depth.

3-point locking mechanism in front and rear door. Half cylinder with master key, possible to use keypad, proximity etc...

Textured polyester coating provides excellent resistance to corrosion and chemical agents

The multi folded frames are closed structure, gives high level of stability.

Concealed 130° hinges, easily dismantled by pulling the pins.

Variable width and depth.
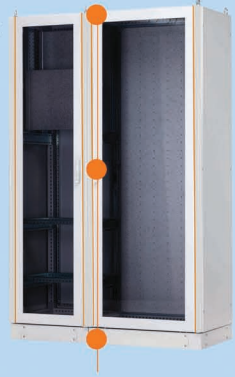
Bayable at all levels from inside and/or outside of cabinet.

NEW

Solutions for Data Center
Cabinets

Estap®

Modular overhead cable management and cut-out zones for ventilation and cable access.

Bottom gland plate and top cable entries provide maximum versatility.

Foamed seal on the inside of all doors and panels ensures protection category IP55 to EN60529

Perforated single or double door openning at rear.

Extra depth bring more space for cable management and cooling.

Divided side panels for easy mounting

Housing for recessed vertical power strips and cable trays

Vertically arranged perforated mounting strips at rear for quick, easy attachment of cable supports, cable trunking, stiffeners and covers.

Ready for PE conductor connection on the enclosure and door with contact washers.

Adjustable levelling feets, and/or castor group and plinth.

Thanks to design structure and hinges providing of more inner cabinet space.

Options; special colour, special mounting plate, special sizes, glazed door.

The roof plate is secured with removable eyebolts and/or screws

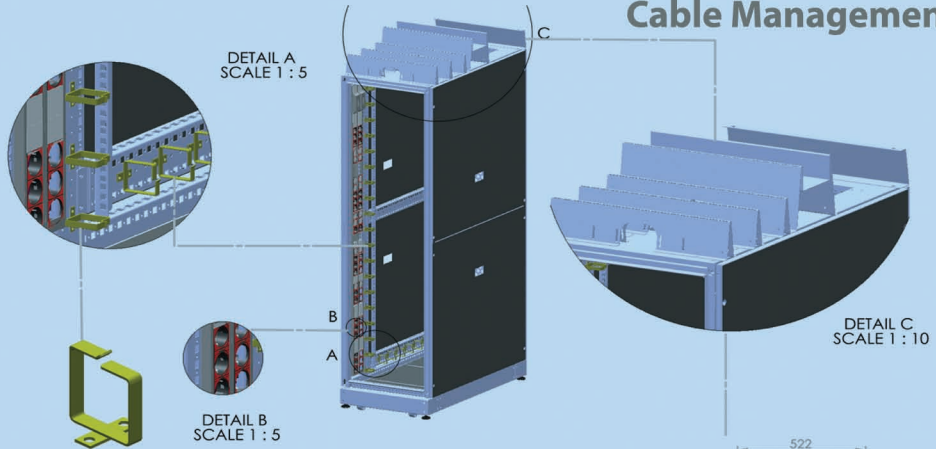Ample Variety for Accessories

U marking on 19" mounting angles.

Aesthetic coloured strip in front

NEW

Solutions for Data Center
Cabinets

For all accessories, shelves, ventilation, power distributions/strips, cable management parts, castor, levelling feets, plinths, please see our main catalogue, website (www.estap.com.tr) or contact with sales department.

Solutions for Data Center
Cable Management

DETAIL A
SCALE 1 : 5

C

DETAIL C
SCALE 1 : 10

B

A

DETAIL B
SCALE 1 : 5

522

342

Ø75

Front View

1000/1100/1200

600/800

Estap DMAX Server Cabinets offer professional and highly secured management of high density data and power cables. Separate cable inlet for data and energy cables, and separate overhead cable trays and dividers minimize the electromagnetic and physical interference.

Bottom cable entry is designed fully empty or with gland plates.

Cable rings can be used in all cable trays, vertical and horizantal C rails, framework of cabinet itself .

Simply the raceway for cables are created by fixing cable rings on all profiles in front and rear part of the cabinets.

By using cable rings, airflow is improved, installation time and cost is reduced. It creates space savings and flexibility inside the cabinet.

Overhead cable trays separate electrical and data cables.
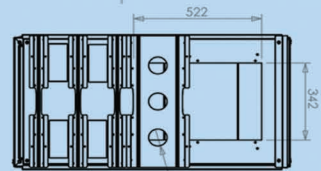
NEW
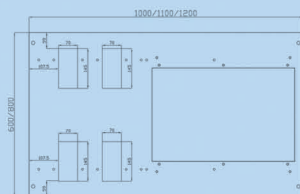
Cable Management on Cabinet Roof

Order No.	Description
M44CS1260	Cable separator on Cabinet Roof (each) h=120mm. w=600mm.
M44CS1280	Cable separator on Cabinet Roof (each) h=120mm. w=800mm.
M44FLP1260	Front Label Plate (each) h=120mm. w=600mm.
M44FLP1280	Front Label Plate (each) h=120mm. w=800mm.
M44CT2060	Cable Tray on Cabinet Roof (each) h=200mm. w=600mm. (useful dimension for cabling:w=600mm. d=150mm. h=80mm.)
M44CT2080	Cable Tray on Cabinet Roof (each) h=200mm. w=800mm. (useful dimension for cabling:w=800mm. d=150mm. h=80mm.)

Cable Management Inside Cabinet

E44 KNL42 DC	42U Vertical Cable tray for DATACENTER
E44 KNL42 CHLD	42U Vertical Cable holder DATACENTER
K44 RING 02 AL	Ring for cable management 44x60mm. (1 set = 5 pieces)
K44 RING 05 AL	Ring for cable management 88x60mm. (1 set = 5 pieces)

* For 47U please contact to sales department.

Estap®

Solutions for Data Center
IT Cooling
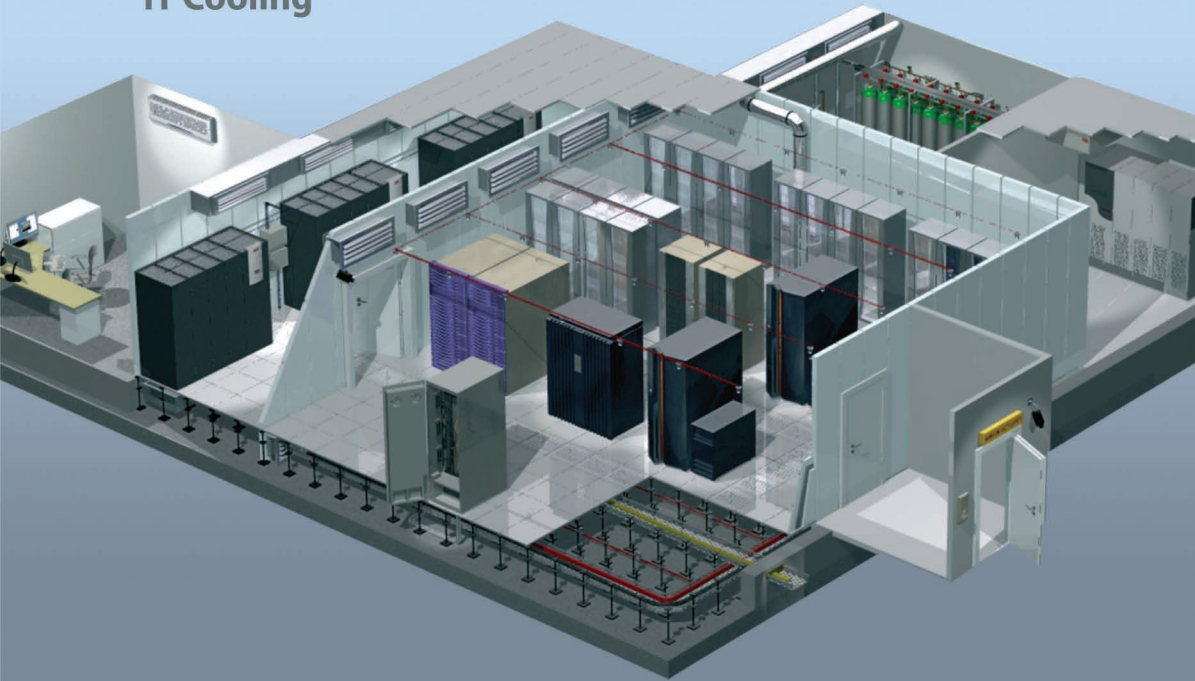

NEW

Solutions for Data Center
IT Cooling

Estap®

Solutions for Data Center
IT Cooling

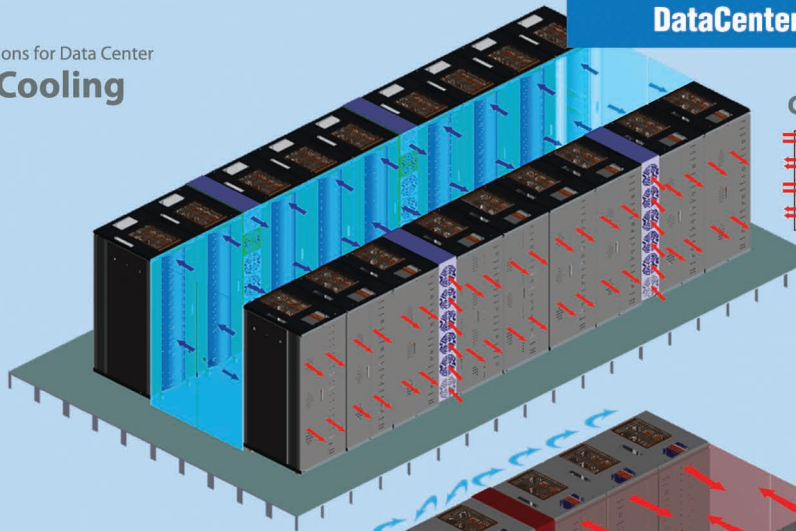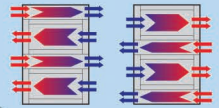Solutions for Data Center
IT Cooling

NEW

Energy efficient and proper cooling for your datacenter

Estap Datacentre IT Cooling Solution ensures maximum IT availability at minimum running costs. The power usage effectiveness in the datacentres indicates that approximately 45% of the total incoming power is utilised by cooling and cooling related equipment.
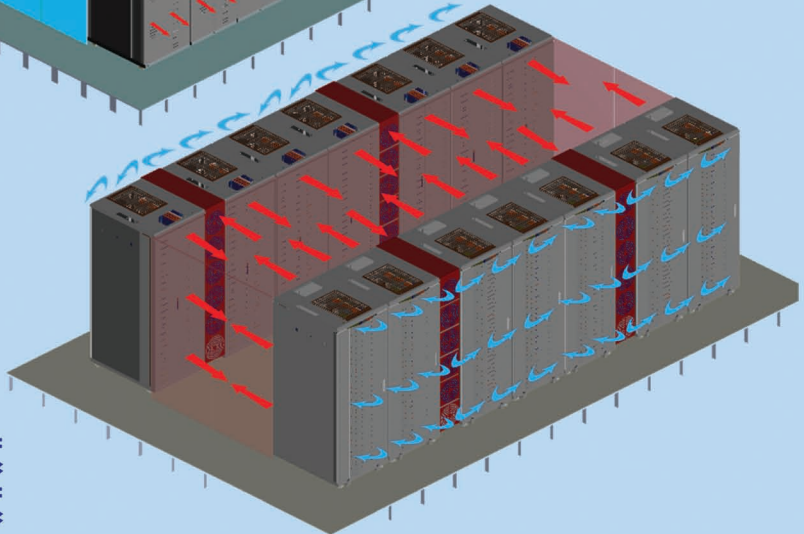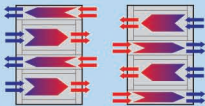
By understanding the dynamics of the datacentre ecosystem, Estap Datacentre IT Cooling Solution offers the proper and energy efficient cooling with its wide product range such as water chilled sidecoolers, in-row coolers, heat removal units, cold aisle containment etc.

Estap®

Solutions for Data Center
IT Cooling

Cold Corridor

Hot Corridor

Solutions for Data Center
IT Cooling
In Row Cooling (in a cold/hot aisle containment)

NEW

To serve for cooling and/or enhancing the cooling capacity of an cold aisle containment, In Row Coolers are utilised. The water chilled solution increases the cooling efficiency and can easily cope with thermal loads upto 30 kW. These units are situated in-between the racks and provide proper airflow paths by preventing exhaust air

recirculating to IT equipment. The unit captures heat directly from the hot aisle and distributes cool air to the cold aisle. The heat rejection can be handled by an existing chilled water system. The modular solution serve scalable cooling capacity growth.

Benefits/Features
- Liquid cooling
- Enhanced cooling capacity
- Easy installation / maintenance
- Managed cooling with integration availability to any control systems

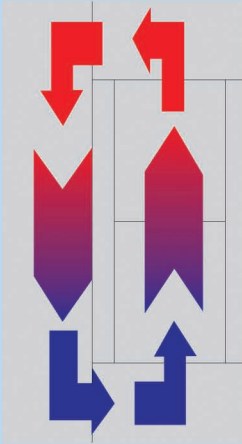| Order No.	Description
ESTC-ITOL-RSWA2D0A20	Water / Air Open Loop In Row Cooler, 12 kW 230/1/50-60, 42U 300 x 1200 RAL9005
ESTC-ITOL-RSWB0D0	Water / Air Open Loop In Row Cooler, 20 kW 230/1/50-60, 42U 300 x 1200 RAL9005
ESTC-ITOL-RSWC0D0	Water / Air Open Loop In Row Cooler, 30 kW 230/1/50-60, 42U 300 x 1200 RAL9005

Solutions for Data Center
IT Cooling

Direct Rack Cooling (Side Cooler)

Benefits/Features

- Liquid cooling

- Total Heat Removal at Source

- Easy adaptation to any type of rack

- IP55 Closed system to prevent hot-cold air intervention at inside and from outside the rack

- High cooling capacity (upto 30 kW per rack)

- Easy installation/maintenance

- Managed cooling with integration availability to any control systems
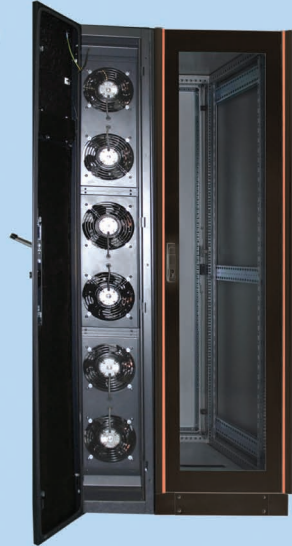
With the advent of blades and high-density server infrastructures, high heat emissions at certain specific points in the racks create hot spots which are impossible to cool down either by any conventional systems or even by some specific applications like cold-aisle solutions etc. To prevent such formations of hot spots, direct rack cooling is the ideal solution.

You can eliminate the heat at source and save a lot of energy. The heat rejection can be handled by an existing chilled water system. The modular solution serve scalable cooling capacity growth.

NEW

Solutions for Data Center
IT Cooling

| Order No.	Description
ESTC-ITCL-RSWA2DCA20	Water / Air Closed Loop SideCooler, 12 kW 230/1/50-60, 42U 300 x 1200 RAL9005
ESTC-ITCL-RSWB0DC	Water / Air Closed Loop SideCooler, 20 kW 230/1/50-60, 42U 300 x 1200 RAL9005
ESTC-ITCL-RSWC0DC	Water / Air Closed Loop SideCooler, 30 kW 230/1/50-60, 42U 300 x 1200 RAL9005

Estap®

Solutions for Data Center
IT Cooling

Twist Air (hot air removal)
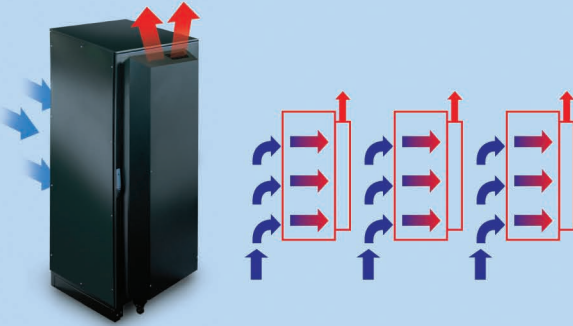
Twist Air is an airflow enhancer module, extremely compact, it was developed to be installed on the rear side of server rack enclosure. Twist Air assure a proper airflow through the servers (up to 3000 m3/h) to avoid hot spots. Twist Air action avoid servers malfunctioning and shut down related to high temperature issue.
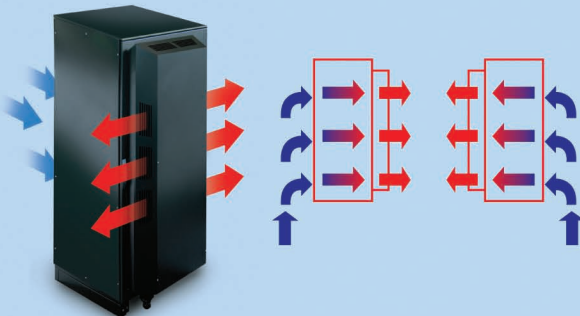
Twist Air is available in two different air flow configuration to be suitable for different datacenter arrangement, the air could be delivered on the rear side of the module for applications in hot and cold aisle arrangement, for datacenter with front to back arrangement the airflow is delivered to the top side, thus to avoid dangerous mixing of hot and cold air in front of the servers suction side in the next row, in this way efficiency and reliability of datacenter cooling system are strongly improved.

NEW

Solutions for Data Center
IT Cooling

Order No.	Description
ESTC-IT-RAAA00AB20	Back Door Air Ventilation System 10 kW 230/1/50-60, 3000 m^3/h

For all accessories, shelves, ventilation, power distributions/strips, cable management parts, castor, levelling feet, plinths, please see our main catalogue, website (www.estap.com.tr) or contact with sales department.

Solutions for Data Center
Remote Monitoring System

Remote Monitoring System
EST RM 8164

Estap

Real-time Monitoring and Management of Your Datacenter

EST RM 8164 Estap Remote Monitoring System

Estap Remote Monitoring System is a Linux based real-time monitoring and management solution for your datacenter to secure flawless operation with high resiliency. The solution is used for IP monitoring and remote management or as a video server in premises and site units, for example in server rooms or telecommunication stations, detached buildings.

With the user-friendly interface you can assign and locate sensors on map of certain object e.g. office, in order to develop a particular interface or to link user database with the data received from the monitoring system, to export data into CSV files. In addition, static and dynamic DNS for monitoring can be utilised.
The monitoring system can also be used as a video-

server (via USB camera or web-camera) to transfer images and video-files onto remote servers.

It is possible to connect up to 8 analog, 40 digital sensors, 16 dry contacts and up to 4 relay devices. At connection up to 30 additional extension units, such as RS or BU the system may contain up to 1000 various sensors and devices.

SPECIFICATIONS
Installation: 19" rack
IP monitoring: Web, SNMP
Network protocols: Built-in HTTP server, SNMP agent, SMTP agent, manageable logic. Uses FTP link for updating current software version.
OS: Linux 2.6.23
Software: Built-in software for events processing.

Alert type : ESMTP or SNMP traps
RS485 port : Connection of electricity meters with outputs RS485, CAN.
USB port: Web-camera. Type: most motion-jpeg cameras, image resolution: 320x240, video is sent to email up to 320 Kb in one file (10-20secs).
Analog ports : 8x 6P6C for connection of various sensors
Digital BUS : 2x 4P4C for connection of up to 20 digital sensors of humidity, voltage, motion or one access reader on each BUS
Dry contacts : 16
Relay outputs : 4 on/off x 220V*5A.
Net weight : 1kg
Dimensions : 440*44*105mm

NEW

Solutions for Data Center
Remote Monitoring System

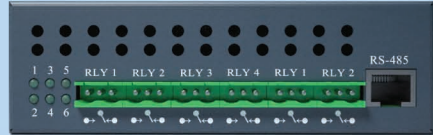| 001 | 002 | EST-RM.500 | EST-RM.560 | EST-RM.570 | EST-RM.590 |

Estap

Solutions for Data Center
Remote Monitoring System

EST RS 814 Estap Relay-Sensor Unit

Estap Relay-Sensor unit is the extension to the Estap Remote Monitoring System for remote premises (up to 1 km from master units) such as additional server rooms, detached buildings' datacenters. The unit enables connections up to 8 analog sensors and up to 4 electrical devices.

SPECIFICATION

Alert Type : ESMTP, SNMP

Analog ports : 8x 6P6C for connection of various sensors

Relay outputs : 4 on/off x 220V*5A.

Software: Built-in software for events processing.

RS485 port : Connection of electricity meters with outputs RS485, CAN.

Net weight : 0,5kg

Dimensions: 140*44*90mm

NEW

Solutions for Data Center
Remote Monitoring System

Order No.	Description		Order No.	Description
EST-RM8164	Estap 19" remote Monitoring System		EST-RM540	Vibration Sensor
EST-RS814	Estap Remote Extension Unit		EST-RM560	Smoke Sensor
EST-RM731	Liquid Level Sensor		EST-RM570	Motion Detector
EST-RM500	Temperature Sensor		EST-RM590	Leakage Sensor
EST-RM510	Humidity Sensor		EST-RM	GSM Module with Antenna
EST-RM520	AC Voltage Monitor		001	Proximity Module
EST-RM530	Access Sensor		002	Keypad Module

Solutions for Data Center
Intelligent Power Distribution Units

Monitored & Switched
IP PDUs for real-time powermanagement
of your datacenter in a highly intelligent way!

Designed for high density, mission critical server applications, the Estap IP PDU range offers an excellent solution to scale electrical power budgets and fight against the inevitable rise of electrical energy costs in the datacenter business.

Monitored IP PDUs offer customers a choice of remotely monitoring the total current draw of the outlets via Ethernet. This, combined with state-of-the-art software such as Enterprise Manager, allows the user to aggregate the information from thousands of IP PDUs in one location.

All Monitored IP PDUs also include the EasyRead Digital LED Ammeter for easy start-up and provisioning of servers.

The Estap Managed IP PDUs provide reliable power distribution and monitoring of individual outlets to datacenters, for both standart and Blade servers. Powered by the Revelationô technology platform, the Estap Managed IP PDU line combines the industryís leading high-density power solutions with breakthrough technology. Employing a server-grade microprocessor, this product has unprecedented management and monitoring capabilities, so the user can even monitor the power down to the individual outlet level! User-definable sequencing of outlets and time delays permit controlled remote boot-up of servers. 256-bit encryption ensures secure communication and IPMI and SMASH CLI capability provides harmonised user access to computer hardware and IP PDUs. Estap IP PDUs are available in both vertical (0U) and 19î horizontal rack mountings. The multi-channel Ammeter allows the monitoring of current on input, branch circuit and on each outlet (by the Managed PDU) to ensure accurate load balancing and maximum cabinet use. Individual outlet monitoring allows real time efficiency evaluations of both hardware and software.

NEW

Solutions for Data Center
Intelligent Power Distribution Units

MONITORED

Order No.	Description
EST-PW104MI1UB48	8 way IEC 320 C13 10A power strip, IP Monitored, 1U, 16 Amp IEC 320 C20 Input Plug-2M lead
EST-PW107MI0UB88	20 way C13 and 4 way C19 IEC 320 10A power strip, IP Monitored 0U, 32 Amp EN60309 Input Plug - 3M lead, 2x16A Mcb Type C to EN60898

MANAGED

EST-PW104MA1UB44	8 way IEC 320 C13 10A power strip, IP Managed, 19", 1U, 3m 1.5 sqmm Pvc Cable with EN60309 16A Plug, 3M lead
EST-PW107MA0UB61	16 way C13 and 4 way C19 IEC 320 10A power strip, IP Managed, ZERO U, 3 m. 4 sqmm HO7 Cable with EN60309, 32 A PLUG, 2x16A Mcb Type C to EN60898, 3M lead

Estap®

Intelligent Power Distribution Units

DataCenter Solutions

Features	Benefits	Managed PDU	Monitored PDU
Switch individual outlets on/off remotely	Enables remote "lights out" datacentre operation	✓	
Lock outlets using software	Prevents unauthorized powering of servers	✓	
Create virtual groups of outlets	Eases management of similar types of equipment and multicorded servers	✓	
Comprehensive monitoring at the outlet level of volts, amps, watts, kVA	Enables better power management and promotes efficiency	✓	
User definable sequencing (outlet order and time delay)	Permits controlled boot-up based on equipment power draw	✓	
Flash upgradeable firmware	Receive and update to new software easily	✓	
Environmental monitoring	Monitor environmental variables and power in one unit	✓	
SNMP traps and email functionality	Various notification options	✓	
IPMI2 and SMASH compatible	Harmonize user access to computer hardware and PDU	✓	
256 bit AES encryption (HTTPS, SSL, SSH, SSH2 and built in firewall)	Provides secure communication platform	✓	
Ethernet port	Remote Monitoring using Ethernet	✓	✓
RS232 Serial Port	Remotely monitoring using serial connection; Aggregate thousands of PDUs using Eatonís Powerware software solutions	✓	✓
Large EasyRead Digital ammeter	Large local LED for aiding provisioning of servers	✓	✓
Single and dual circuit chassis design	Options for high density environments	✓	✓
Circuit Breaker branch protection option (not fuses)	Return to service quickly; safer	✓	✓
Wordwide outlet and input connectors	Flexible configuration options	✓	✓
Fully earth bonded	Safer design	✓	✓
Extruded aluminium chassis	High structural strength	✓	✓
Fully Shrouded Circuit Breakers and Switches	Prevents accidental operation	✓	✓
Outlets isolated from circuit board	Extends life of unit	✓	✓
Optional tie bar	Secure plug retention		✓

Solutions for Data Center

Intelligent Power Distribution Units

NEW

BASIC

Order No.	Desription
M44 6AL	6 way power strip, 19", aluminium profile body, 1x16A circuit breaker protection, schuko type, 250vac, 2.5m cable c/w plug
M44 6ALIEC	6 way power strip, 19", aluminium profile body, 1x16A circuit breaker protection, IEC320 type, 250vac, 2.5m cable c/w plug
M441847ALD	18 way power strip, dual circuit (9+9) -19", aluminium profile body, 2 ad. 1x16A circuit breaker protection, schuko type, 250vac, 47U height and vertical through the cabinet lenght, ready on connector for any cable connection
M441842ALD	18 way power strip, dual circuit (9+9) -19", aluminium profile body, 2 ad. 1x16A circuit breaker protection, schuko type, 250vac, 42U height and vertical through the cabinet lenght, ready on connector for any cable connection
M441847ALDIEC	18 way power strip, dual circuit (9+9) -19", aluminium profile body, 2 ad. 1x16A circuit breaker protection, IEC320 type, 250vac, 47U height and vertical through the cabinet lenght, ready on connector for any cable connection
M441842ALDIEC	18 way power strip, dual circuit (9+9) -19", aluminium profile body, 2 ad. 1x16A circuit breaker protection, IEC320 type, 250vac, 42U height and vertical through the cabinet lenght, ready on connector for any cable connection
M44 DSPLY	Energy Analyser Display Unit (single phase, kW-meter, ammeter, voltmeter, frequency meter) integrable with the above Basic PDUs

DataCenter Solutions

ESTAP® USB-PS/2 Combo-8/16 port KVM switch with OSD

The high quality KVM switch is ideal for using in small to middle sized server rooms and provides direct connection to many servers.

- Controls up to eight PCs with one PS/2- or USBkeyboard, one PS/2- or USB-mouse and one monitor
- Simple installation - no additional software needed
- PC-choice over push-buttons, Hot-Key or OSD (On Screen Display)
- Excellent video quality - up to 2048 x 1536 pixels at 85Hz
- Supports DDC, DDC2
- Hot Plug and Play
- Emulates a keyboard on each PC to allow your computers to boot normally without a keyboard error
- Autoscan (5 to 250 sec.)
- incl. external power supply unit DC 5V 2A
- incl. 19"-Rack mounted iron panel with screw (DC-15002 => also separately available)
- Fully compliant with the USB 1.1/2.0 specification
- Supports Windows 95/98/98SE/ME/NT4.0/2000/2003 Server/XP/VISTA, Linux, Mac and Sun Micro Systems

Solutions for Data Center
KVM & Consoles

NEW

KVMs

Order No.	Description
ESTKVM-01-08	ESTAP USB-PS/2 Combo-KVM switch with OSD, 8-port
ESTKVM-01-16	ESTAP USB-PS/2 Combo-KVM switch with OSD, 16-port
ESTKVM-CBL-CMB-18	Octopus Cable, VGA, 2xPS/2, 1xUSB (Mouse/Keyboard), Color: black; Length 1.8 M
ESTKVM-CBL-CMB-30	Octopus Cable, VGA, 2xPS/2, 1xUSB (Mouse/Keyboard), Color: black; Length 3.0 M
ESTKVM-CBL-CMB-50	Octopus Cable, VGA, 2xPS/2, 1xUSB (Mouse/Keyboard), Color: black; Length 5.0 M

LCD Console & Cables

Order No.	Description
IC-1501	ESTAP 19" console with 15" TFT
IC-1701	ESTAP 19" console with 17" TFT
IC-1508US	ESTAP 19" console with 15" TFT and 8-port KVM switch
IC-1516US	ESTAP 19" console with 15" TFT and 16-port KVM switch
IC-1708US	ESTAP 19" console with 17" TFT and 8-port KVM switch
IC-1716US	ESTAP 19" console with 17" TFT and 16-port KVM switch
3L-16018PU	USB Console KVM Cable, 1.8m
3L-16030PU	USB Console KVM Cable, 3m
3L-16050PU	USB Console KVM Cable, 5m
3L-3518	PS/2 Console KVM Cable, 1.8m
3L-3530	PS/2 Console KVM Cable, 3m
3L-3560	PS/2 Console KVM Cable, 6m

ESTAP® Rack Consoles with 8/16 port KVM switch

The ESTAP TFT consoles with or without integrated KVM are a spacesaving and functional solution for a comfortable connection to PCs, servers or KVM installations in a 1U rack-mounting area.

- 19" control panel with break-proof non-reflective active matrix 15ëë/17î LCD monitor, keyboard, touchpad and optional built-in KVM or IP KVM switch
- Control up to 256 computers by cascading KVMs
- PC selection via push button on front panel, hot key, mouse clicking or through OSD menue
- Monitors PC status by Auto Scan function
- Max. resolution: 1024 x 768 pixels at 75Hz & 1280 x 1024 pixels at 75Hz and supports EDID & DDC2 of each PC
- VGA/SVGA/XGA/SXGA Display Mode 16.2 Mio. colors
- Contrast rate 500:1, Brightness 250 cd/m≤ & 300 cd/m≤, response time 12 ms
- Audio Speaker support (1x 3.5mm Stereo Plug)
- Requires no additional software or hardware
- Space saving steel sheet housing (1U height), black RAL 9005
- Dimensions (WxDxH): 447 x 600 x 48 mm; Weight: 12.2 / 12.25 / 12.3 kg & 13.3 / 13.35 / 13.4 kg

IP LCD Console & Cables

NEW

Order No.	Description
ESTCSL-1700	17" LCD unitized console drawer, incl.touchpad, without keyboard, without KVM module, without rear brackets
ESTCSL-1900	19" LCD unitized console drawer, incl.touchpad, without keyboard, without KVM module, without rear brackets
ESTCSL-MKIT	Rear bracket for ESTAP unitized console drawer, 575mm long,supporting the length of rack from 59cm, (23"7/32) to 96cm(37" 3/4)
ESTCSL-KEYB-USA	US keyboard for ESTAP unitized console drawer
ESTCSL-KVM-IP01	Combo KVM module USB+PS/2, with IP access,1-port for ESTAP unitized console drawer
ESTCSL-KVM-IP08	Combo KVM module USB+PS/2,with IP access, 8-port for ESTAP unitized console drawer
ESTCSL-KVM-IP16	Combo KVM module USB+PS/2, with IP acess, 16-port for ESTAP unitized console drawer
ESTCSL-CBL-PS2-18	PS/2 cable for ESTAP Combo KVM modules, lenght 1,8m
ESTCSL-CBL-PS2-30	PS/2 cable for ESTAP Combo KVM modules, lenght 3,0m
ESTCSL-CBL-PS2-60	PS/2 cable for ESTAP Combo KVM modules, lenght 6,0m
ESTCSL-CBL-USB-18	USB cable for ESTAP Combo KVM modules, lenght 1,8m
ESTCSL-CBL-USB-30	USB cable for ESTAP Combo KVM modules, lenght 3,0m
ESTCSL-CBL-USB-50	USB cable for ESTAP Combo KVM modules, lenght 5,0m