



RACKS & CABINETS

COMPACT CATALOG

Products & SOLUTIONS

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- Standalone frames
- Datacom & industrial cabinets

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STANDARD MODIFIED CABINETS AND CUSTOM SOLUTIONS

- Personalized catalog products
- Custom solutions

APW products have an established global reputation for quality. IMRAK®, VERA® and IMAGE® cabinets have a role model position in their market segments and are deployed in thousands of applications within datacom, networking, broadcasting, transportation, industrial and research markets.

Over 30 standard catalog models
Dedicated accessories for each product line
Remote and local control for Smart Cabinet applications
Standard modified and custom solutions



APW PRODUCTS ARE DESIGNED
AND MANUFACTURED IN ITALY

IMRAK® 310

19" Frames and Cabinets



19" WALL-MOUNT CABINET
SUPPLIED IN A READY TO MOUNT KIT




IMRAK® 310

19" Frames and Cabinets

DIMENSIONS

Internal height: 7U / 12U / 17U
Full height: 371 / 593 / 816 mm
Depth: 400 / 500 mm
Width: 600 mm
Weight: from 15 Kg to 28 Kg, depending on size
Load capacity: 40 Kg

FINISHINGS

- External colour:**
-  Anthracite RAL 7016
Cabinet, front door, rear panel and side panels
 - Internal colour:**
 -  Black RAL 9005
Frame and 19" panel mounting angles
 -  Custom colours on demand

DESCRIPTION

IMRAK® 310 is a wall-mounted cabling enclosure designed to maximize cable management efficiency. IMRAK® 310 is made by 2 frames, top and bottom covers, 2 removable side panels, 2 panel mounting angles and front door. The removable side panels together with the top and bottom removable covers grant a 360° access, perfect for simple and neat cables installations. IMRAK® 310 is equipped with standard adjustable 19" front panel mounting angles. The vented side panels provide a generous natural ventilation that can be further increased by removing the cover plates on the pre-punched fan patterns present on the top and bottom panels. IMRAK® 310 is supplied flat packed for easy transportation, minimal storage space and safe installation. This wall box can easily be assembled by one person in less than 10 minutes. IMRAK® 310 is suitable for side by side wall boxes installation without any additional baying kit.

SPECIFICATIONS

- Wall-mount cabinet;
- Supplied in an easy to mount kit;
- Structure of the frame made by 2 "C" frames and 2 covers (top/bottom);
- Max load capacity 40 kg;
- Adjustable 19" front panel mounting angles, IEC60297 compliant;
- Maximized total all-around, top and bottom cable access;
- Lockable and reversible glass or metal front door;
- Easy to remove vented side panels;
- Suitable for side by side wall boxes installation, no additional baying kit required;
- Designed to mount an earth continuity kit, EN 60950 compliant.

IMRAK® 410

19" Frames and Cabinets



19" WALL-MOUNT CABINET
WITH SINGLE OR DOUBLE SECTION



IMRAK® 410

19" Frames and Cabinets

DIMENSIONS

Internal height: 6U / 9U / 12U / 15U
Full height: 327 / 460 / 594 / 727 mm
with rear section: 345 / 478 / 612 / 745 mm
Depth: 400 / 500 mm o 400 + 100 / 500 + 100 mm
Width: 600 mm
Weight: from 15 Kg to 28 Kg, depending on size
Load capacity: 40 Kg

FINISHINGS

-  Anthracite RAL 7016
Frame, front door, rear panel, side panels and 19" panel mounting angles
-  Custom colours on demand

DESCRIPTION

IMRAK® 410 is a fully welded wall mounted enclosure combining compact dimensions and structural strength. The 19" panel mounting angles are designed to optimize cable management space at the front of the cabinet, while cable access is made easier by an entry from the top. IMRAK® 410 is quick and straight forward to install, even on irregular walls. Its attractive design with anthracite grey texture paint makes it suitable also for office environments. The pre-punched fan patterns of the top and base of the cabinet, supplied with clip-on blanks, improve the ventilation capacity. IMRAK® 410 has reversible lockable doors, standard 19" panel mounts and vented panel. An optional top-mounted 1U fan tray can be installed at the top to further increase cooling capacity. In addition, a 100 mm rear section with reversible hinges allows the front to swing out by more than 90° for easy access to the rear of the cabinet. A single point key lock secures the front to the rear section (2 keys supplied).

SPECIFICATIONS

- Wall-mount cabinet;
- Fully welded frame;
- Max load capacity 40 kg;
- Adjustable 19" front panel mounting angles, IEC60297 compliant;
- Lockable glass or metal front door with reversible opening;
- Optional 100 mm rear section to allow the front section to swing out providing easy access to the back;
- Designed to mount an earth continuity kit, EN 60950 compliant.





19" WALL-MOUNT CABINET
WITH REMOVABLE SIDE PANELS

DIMENSIONS

Internal height: 6U / 9U / 12U / 15U / 22U
Full height: 323 / 457 / 590 / 723 / 1035 mm
Depth: 400 / 500 / 600 mm
Width: 600 mm
Weight: from 15 Kg to 28 Kg, depending on size
Load capacity: 80 Kg

FINISHINGS

-  Anthracite RAL 7016
Frame, front door, rear panel, side panels and 19" panel mounting angles
-  Custom colours on demand

DESCRIPTION

IMLAN is a wall mounted cabling enclosure formed by a cabinet frame, top cover, bottom, side panels and a front door. The removable side panels and covers provide an all-around cable access that allow cables to be installed and carefully laid with ease. IMLAN is designed to mount 19" panel mounting angles with side cable channels. The perforations on the panels ensure generous natural ventilation further expandable through ventilation grills on the roof top and bottom which are completed with easy to remove interlocking cover plates. IMLAN offers a lightweight enclosure that can be assembled by one person. It is possible to combine more IMLAN cabinets without the need of a baying kit and without compromising the orderly and optimized passage of cables.

SPECIFICATIONS

- Wall-mount cabinet;
- Cabinet frame made by 2 "C" frames and 2 covers (top/bottom);
- Max load capacity 80 kg;
- Adjustable 19" front panel mounting angles with integrated cable channels, IEC60297 compliant;
- Maximized all-around cable access including access from the rear panel;
- Glass or metal front door with reversible opening and central key lock;
- Easy to remove side panels;
- Suitable for side by side wall boxes installation, no additional baying kit required;
- Designed to mount an earth continuity kit, EN 60950 compliant.

IMLAN B-Side

19" Frames and Cabinets

IMLAN B-Side

19" Frames and Cabinets





19" WALL-MOUNT CABINET
WITH ADDITIONAL VERTICAL UNITS

DIMENSIONS

- Internal height: 12U plus 6U on the sides
- Full height: 590 mm
- Depth: 300 mm
- Width: 600 mm
- Load capacity: 80 Kg

FINISHINGS

-  Anthracite RAL 7016
Frame, front door, rear panel, side panels and 19" panel mounting angles
-  Custom colours on demand

DESCRIPTION

IMLAN B-SIDE is a wall-mount cabinet perfect for joint installations of both active equipment and patch-panels. Thanks to its additional vertical 6U on each side of the 19" panel mounts, IMLAN B-Side can host 500 mm deep equipment in an only 300 mm deep wall cabinet. IMLAN B-Side can be supplied also in an open frame version. The possibility of removing the side panels only with the front door open or removed allows for simple cross patching behind the door and offers additional safety. Removable side panels provide an all-around access for easy cable installation. Cables can be laid through the top and base gland plates providing supplementary cable access. In addition, there is a wide range of cable management accessories. The position of the 19" panel mounts creates an easy access to cables both at the front and at the rear.

SPECIFICATIONS

- Wall-mount cabinet;
- Cabinet frame made of 2 "C" frames and 2 covers (top/bottom);
- Max load capacity 80 kg;
- Additional 6U vertical space on the sides for equipment installation;
- Adjustable front 19" 12U panel mounting angles with cable channels, IEC60297 compliant;
- Optimized all-around top and bottom cables access. Rear panel cable access;
- Lockable glass or metal front door with reversible opening;
- Easy to remove vented side panels;
- Suitable for side by side wall boxes installation. No additional baying kit required;
- Designed to mount an earth continuity kit, EN 60950 compliant.

IMRAK® 610

19" Frames and Cabinets



19" FLOOR STANDING CABINET
FOR SMALL AND MEDIUM INSTALLATIONS

IMRAK® 610

19" Frames and Cabinets

DIMENSIONS

Internal height: 12U / 17U / 22U
Full height: 665 / 887 / 1109 mm
Depth: 600 / 800 mm
Width: 600 mm
Weight: from 15 Kg to 28 Kg, depending on size
Load capacity: 250 Kg

FINISHINGS

External colour:

- Anthracite RAL 7016
Cabinet, front door and rear panel

Internal colour:

- Black RAL 9005
Panel mount supports and 19" panel mounting angles

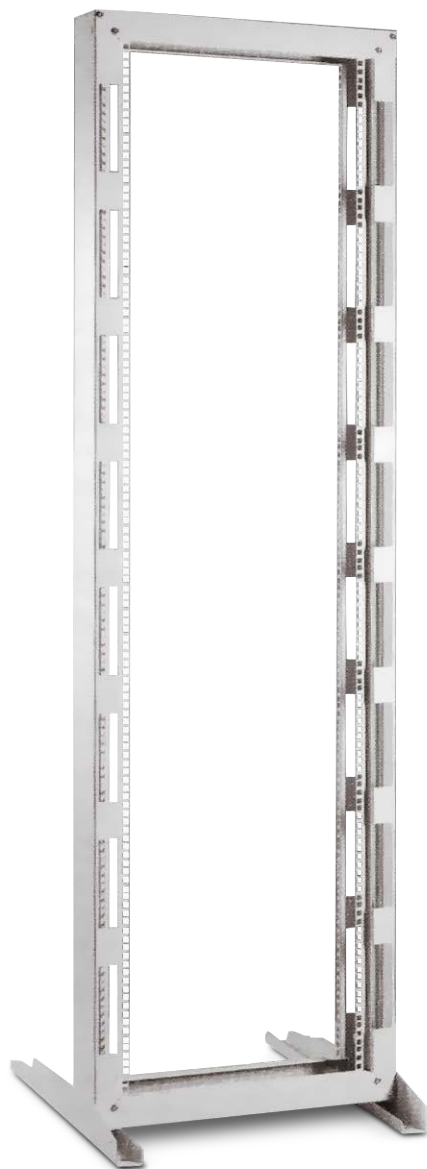
- Custom colours on demand

SPECIFICATIONS

- Floor standing cabinet;
- Fully welded cabinet frame;
- Max load capacity 250 Kg evenly distributed;
- Adjustable 19" panel mounting angles at the front, IEC60297 compliant (optional at the rear);
- Side vented top cover with 2 cable entry areas with cover plate, alternatively suitable for mounting a 2 or 4 "zero U" fans fan tray;
- Reversible glass or metal front door with central key lock;
- Standard removable rear panel, optional plain metal door;
- Undetachable side panels;
- Open bottom for easy cable access, gland plates available;
- Adjustable feet;
- Optional castors, 80 Kg or 115 Kg load capacity;
- Designed to mount an earth continuity kit, EN 60950 compliant.

DESCRIPTION

IMRAK® 610 is a medium-size floor standing cabinet, ideal for housing networking equipment and 19" rack equipment in offices or industrial plants. With a height range from 12U to 22U it is designed to fit into small spaces. IMRAK® 610 has a welded structure that ensures a high degree of robustness and protection with a static load capacity of 250 kg. The reversible front doors are available in steel or glass with a central key lock. The removable rear panel has a quick lock for easy opening and closing. The side panels are undetachable. Cables can enter from the bottom or from the vented top cover. The top covers are fitted with 2 removable panels to allow cable access. Alternatively, one or two optional 2-fan "zero U" tray units can be installed on the roof without reducing usable space inside the cabinet. The 19" uprights are depth adjustable and can either house active equipment of different sizes or create a larger available front space for the installation of patch panels. A wide range of accessories is available for customized configurations.





STANDALONE
19" RACK FRAME

DIMENSIONS

Internal height: 12U / 37U / 42U
Depth, wall option: 286 / 400 mm
Depth, floor option: 500 mm
Width: 600 mm
Weight: according to the dimensions
Load capacity: 150 Kg

FINISHINGS

-  Grey RAL 7035
-  Custom colours on demand

DESCRIPTION

EASYRAK is a standalone cabling frame designed for applications where all-around access is required. The frame is available in three heights - 12U, 37U and 42U - with a static load rating of 150 Kg for all sizes. EASYRAK has a RAL 7035 grey finish. The verticals feature standard 19" panel mountings with a regular repeating pattern of cable management cut-outs to allow front to rear cabling. EASYRAK is available in a floor standing variant with a 600x500 mm footprint or in a wall mounting version with a 400 mm standoff between wall and the 19" panel mount. EASYRAK frames may be joined together with a baying kit for multiple configurations. Strong but lightweight, it can be combined with castor wheels, covers, and cantilever shelves.

SPECIFICATIONS

- Standalone frame;
- Standard RAL 7035, different colour options available on request;
- Flat pack available;
- Suitable for wall and floor fixing or on castor wheels;
- Max load capacity 150 kg;
- All-around accessibility;
- Supplied with integrated side cable management;
- Footprint 600x500 mm;
- A wide range of accessories available;
- Optional baying kit;
- Designed to mount an earth continuity kit, EN 60950 compliant.



EASYRAK
12U table version



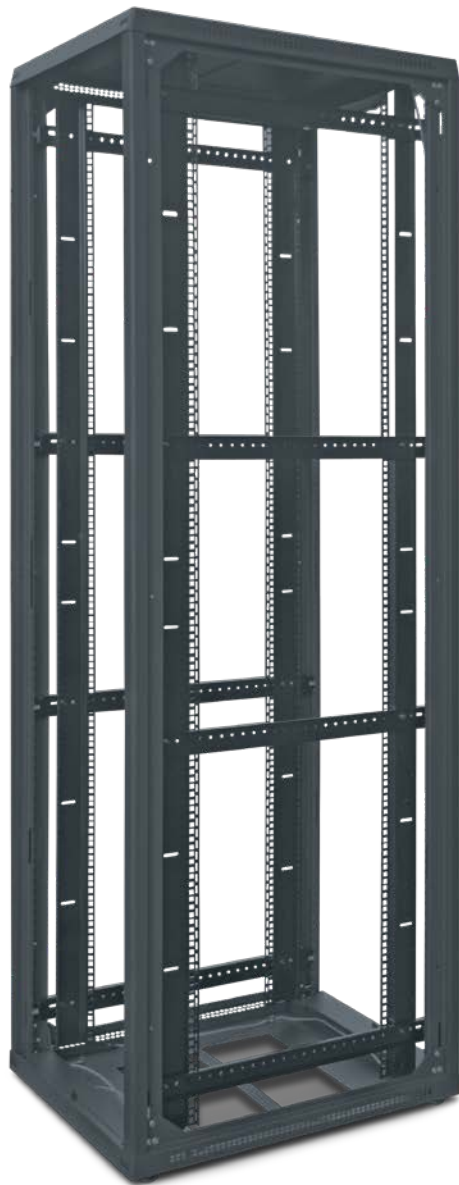
EASYRAK
37U with wall fixing kit



EASYRAK
Solution for bayed frames

IMAGE® Open Frame

19" Frames and Cabinets



19" VERSATILE
MULTI-APPLICATION STANDALONE FRAME



IMAGE® Open Frame

19" Frames and Cabinets

DIMENSIONS

Internal height: 36U / 43U / 47U
Full height: 1700 / 2011 / 2189 mm
Depth: 600 / 800 mm
Width: 600 / 800 mm
Mounting depth: 470 / 570 mm
Load capacity: 500 Kg

FINISHINGS

-  Anthracite RAL 7016
-  Custom colours on demand

DESCRIPTION

IMAGE® Open Frame is a versatile open frame cabinet for multi-application installations. The structure formed by 2 vertical welded frames with top/bottom covers has a robust sheet steel construction guaranteeing a static load rating of 500 Kg evenly distributed. The 19" panel mounting angles are fastened on the side panel mount supports allowing for adjustable depth inside the cabinet and can be adapted to most 19" standard equipment. The frame is equipped with height-adjustable feet. It can also be fitted with optional braked or unbraked castors.

SPECIFICATIONS

- Standalone frame;
- Cabinet frame made by 2 vertical frames, top and bottom cover;
- Adjustable 19" panel mounting angles at the front (optional at the rear), IEC60297 compliant;
- Max load capacity 500 Kg evenly distributed;
- 19" side reducing cable channels (800 mm cabinet width) for vertical cable management, designed to support cable management accessories;
- Open bottom for easy cables access;
- Adjustable feet;
- Optional castors, 80 Kg or 115 Kg load capacity;
- Additional baying cabinet version;
- Designed to mount an earth continuity kit, EN 60950 compliant.

IMAGE® 21

19" Frames and Cabinets



21" CABINET
FOR TELECOM APPLICATIONS

IMAGE® 21

19" Frames and Cabinets

DIMENSIONS

Internal height: 47U
Full height: 2200 mm with adjustable feet
Depth: 300 / 600 mm
Width: 600 mm
Mounting depth:
194 mm from front panel mounting angle to rear panel mounting angle
247 mm from front panel mounting angle to cabinet end
Load capacity: 250 Kg

FINISHINGS

- Standard:**
- Grey RAL 7035
- Optional:**
- Anthracite RAL 7016

DESCRIPTION

IMAGE® 21 is a cabinet designed for telecommunication applications. Its structure consists of two frames assemblies and two upper/lower covers. IMAGE® 21 has a steel construction guaranteeing a maximum static load of 250 Kg evenly distributed. The easy to remove side panels have external locks. The ETSI / 21" uprights are mounted on lateral panel mount supports that allow to adjust the depth position inside the cabinet. The doors, in their available options, have a central single key lock, reversible opening and can be equipped with a swing handle. Manual or automatic keyed alike locks are available on request. The top cover is pre-set for cable entry, 2 fans fan tray (optional) and for wall fixing. The open bottom with an easy cable entry is pre-set for floor fixing.

SPECIFICATIONS

- Cabinet frame made by 2 vertical frames and 2 covers (top/bottom);
- Max load capacity 250 Kg evenly distributed;
- Adjustable front and rear panel mounting angles;
- Top cover with a cable entry area with cover plate, suitable for mounting a 2-fans fan tray;
- Fully vented (56%) or plain metal front door. Rear single door or removable panel;
- Adjustable front and rear panel mounting angles;
- The distance between the right mounting rail's edge and the left mounting rail's edge is 535 mm, equivalent to 21";
- Easy to remove side panels with external security locks;
- Open bottom for easy cable access. The base is pre-set for floor fixing;
- Height adjustable feet;
- Two-front face design solution for center-of-the-room arrangements available;
- Additional baying cabinet version;
- Double-face design for installations under row structures;
- Designed to mount an earth continuity kit, EN 60950 compliant.






19" MULTI-APPLICATION
CABINET

DIMENSIONS

Internal height: 27U / 36U / 43U / 47U
Full height: 1300 / 1700 / 2011 / 2189 mm
Depth: 600 / 800 mm
Width: 600 / 800 mm
Mounting depth: 470 / 570 mm
Load capacity: 500 Kg

FINISHINGS

- External colour:**
-  Anthracite RAL 7016
Cabinet frame, front door, rear panel and side panels
 -  Black RAL 9005
Panel mount supports and 19" panel mounting angles
 -  Custom colours on demand

SPECIFICATIONS

- Cabinet frame made by 2 vertical frames and 2 covers (top and bottom);
- Max load capacity 500 Kg evenly distributed;
- Adjustable 19" panel mounting angles at the front, IEC60297 compliant (optional at the rear);
- 19" side reducing cable channels (800 mm cabinet width) for vertical cable management, designed to support cable management accessories;
- Side vented top cover with 2 cable entry areas with cover plates, suitable for mounting a 2 or 4 fans "zero U" fan tray;
- Standard glass front door with metal trims, removable rear panel. Optional: vented glass front doors; plain metal or vented single or double rear doors;
- Easy to remove side panels with external security locks;
- Open bottom for easy cable access, optional gland plates;
- Adjustable feet;
- Optional castors, 80 Kg or 115 Kg load capacity;
- Additional baying cabinet version;
- Designed to mount an earth continuity kit, EN 60950 compliant.

DESCRIPTION

IMAGE® is a versatile multi-application cabinet. The frame consists of 2 vertical steel welded frames and 2 top/bottom covers. The steel structure guarantees a maximum load rating of 500 Kg evenly distributed. The easy to remove side panels have external locks and a safety system that protects from accidental falls during their removal. The 19" panel mounting angles are mounted on side panel mount supports that allow depth positioning adjustments inside the cabinet. They can be adapted to most 19" equipment on the market. The doors, in their available options, have a central single key lock, reversible opening and can be equipped with a swing handle. Manual or automatic keyed alike locks are available on request. The top cover is designed to mount a "zero U" ventilation fan tray with 2 or 4 fans (optional).

IMRAK® 1400

19" Frames and Cabinets

IMRAK® 1400

19" Frames and Cabinets



THE 19" STANDALONE CABINET
FOR INDUSTRIAL APPLICATIONS

DIMENSIONS




- Internal height:** 12U / 17U / 22U / 27U / 32U / 37U / 42U / 47U
- Full height:** from 643 mm to 2200 mm
- Depth:** 674 / 874 mm
- Width:** 600 / 800 mm
- Mounting depth:** 525 / 725 mm
- Load capacity:** 1000 Kg

FINISHINGS

Standard:

-  **Grey RAL 7035**
Side panels, panel mount supports, 19" panel mounting angles and internal frame
-  **Grey RAL 7037**
Top cover, front and rear doors

Optional:

-  **Anthracite RAL 7016**
Top cover, front and rear doors, side panels
-  **Black RAL 9005**
Cabinet frame, panel mount supports and 19" panel mounting angles
-  **Custom colours on demand**

SPECIFICATIONS

- Cabinet frame made by 4 verticals and 2 welded end frames (top/bottom) assembled with die-cast joints;
- Max load capacity 1000 Kg evenly distributed;
- Front and rear adjustable 19" panel mounting angles, IEC60297 compliant;
- 19" side reducing cable channels (800 mm cabinet width) for vertical cable management, designed to support cable management accessories;
- Side vented or fully vented top cover;
- Glass front door with metal frame and single rear metal door, swing handle with manual key lock. Optional: plain metal front door;
- Doors opening angle beyond 105°;
- Customized doorless cabinets solutions with personalized aluminum front trims;
- Easy to remove side panels with optional external key lock;
- Open bottom for easy cable access, suitable for mounting with gland plates;
- Optional adjustable feet;
- Optional castors, 65 Kg to 250 Kg load capacity;
- Additional baying cabinet version;
- Designed to mount an earth continuity kit, EN 60950 compliant.

DESCRIPTION

IMRAK® 1400 is a standalone versatile multi-application cabinet. The frame is made of 2 welded end frames and 4 vertical uprights. The steel frame ensures a maximum static load rating of 1000 Kg evenly distributed. The easy to remove side panels come with 2 quick-release fasteners and a safety system protecting from accidental falls during their removal. The 19" panel mounting angles, mounted on panel mount supports, allow depth positioning adjustments inside the cabinet and are suitable for most common 19" equipment on the market. The doors, in their available options, have a central single key lock and reversible opening. Optional swing handles are available with manual or electronic locking systems. The top frame of the structure can mount an optional "zero U" fan tray with 4 or 6 fans for extra ventilation.






19" MULTI-APPLICATION CABINET
WITH IP30 ENVIROMENTAL PROTECTION

DIMENSIONS

Internal height: 27U / 36U / 43U / 47U
Full height: 1300 / 1700 / 2011 / 2189 mm
Depth: 600 / 800 mm
Width: 600 / 800 mm
Mounting depth: 470 / 570 mm
Load capacity: 500 Kg

FINISHINGS

- External colour:**
-  Anthracite RAL 7016
Cabinet frame, front door, rear panel and side panels
 - Internal colour:**
 -  Black RAL 9005
Panel mount supports and 19" panel mounting angles
 -  Custom colours on demand

DESCRIPTION

IMAGE® IP30 is a versatile multi-applications cabinet featuring IP30 environmental protection. The cabinet is made by 2 vertical welded frames and top/bottom covers. IMAGE® IP30 has a steel construction guaranteeing a maximum static load rating of 500 Kg evenly distributed. The easy to remove side panels have external locks and a safety system protecting from accidental falls during their removal. The 19" panel mounting angles are mounted on side panel mount supports that allow to adjust the depth position inside the cabinet making them adaptable to most 19" standard equipment. The doors, in their available options, have a central single key lock and reversible opening. Optional swing handles are available with an automatic or manual key alike lock. The top cover is designed to mount a "zero U" ventilation fan tray with 2 or 4 fans (optional).

SPECIFICATIONS

- Cabinet frame made by 2 vertical frames, 2 covers (top/bottom);
- Max load capacity 500 Kg evenly distributed;
- Adjustable 19" panel mounting angles at the front (optional at the rear), IEC60297 compliant;
- 19" side reducing cable channels (800 mm cabinet width) for vertical cable management, designed to support cable management accessories;
- Plain top cover with 2 cable entry areas with cover plates (1 plain and 1 vented) or alternatively, also suitable for mounting a 2 or 4 "zero U" fans fan tray;
- Front metal framed glass door, removable rear panel. Metal plain rear door, single or double on request;
- Easy to remove side panels with external security locks;
- Bottom cover with 2 cable entry areas with cover plates (1 plain and 1 vented) for easy cable access. Cover plate with cable entry brush as optional;
- Adjustable feet;
- Optional castors, 80 Kg or 115 Kg load capacity;
- Additional baying cabinet version;
- Designed to mount an earth continuity, EN 60950 compliant.






19" INDUSTRIAL CABINET

WITH IP32 ENVIROMENTAL PROTECTION

DIMENSIONS

Internal height: 27U / 37U / 42U / 47U
Depth: 600 / 800 mm
Width: 600 / 800 mm
Mounting depth: 540 / 740 mm
Load capacity: 750 Kg

FINISHINGS

-  Grey RAL 7035
-  ZINC PLATED
Aluzinc® - 19" panel mounting angles and panel mount supports
-  Custom colours on demand

SPECIFICATIONS

- Cabinet frame made by 4 verticals and 2 welded end frames (top/bottom);
- Max load capacity 750 Kg evenly distributed;
- Front 19" panel mounting angles, IEC60297 compliant. Optional rear 19" panel mounting angles;
- 19" Side reducing cable channels (800 mm cabinet width) for vertical cable management, designed to support cable management accessories;
- IP32 top cover with optional "zero U" 2 or 4 fans fan tray;
- Front metal framed glass door, and removable single rear metal door;
- Easy to remove side panels with captive screws;
- Bottom with protected cable entry area;
- Adjustable feet;
- Optional castors, 80 Kg or 115 Kg load capacity;
- Designed to mount an earth continuity kit, EN 60950 compliant.

DESCRIPTION

IMRAK® 1032 is a versatile standalone industrial cabinet with IP32 environmental protection. The rack frame is made by 2 frames and 2 end frames (top/bottom). IMRAK® 1032 has a steel construction to ensure a maximum static load rating of 750 kg evenly distributed. The removable side panels can be mounted onto their position using six captive screws. In the standard configuration the 19" panel mounting angles, suitable for most equipment, are mounted on supports that allow a 90 mm depth adjustment. To have an adjustable depth reaching the very back of the cabinet, you have to order the optional panel mount support kit. IMRAK® 1032 panel mounting angles and reducing cable channels are made of Aluzinc® to optimize the grounding of the installed equipment. The doors, in their available options, are equipped with a multi-point lockable handle and reversible opening. Top mounted fan trays are available to aid the cooling of your equipment and their installation will not occupy any usable U height space.



19" STANDALONE CABINET
WITH RADIO FREQUENCY ATTENUATION

DIMENSIONS

Internal height: 27U / 37U / 42U / 47U
Full height: 1312 / 1756 / 1979 / 2201 mm
Depth: 678 / 878 / 978 mm
Width: 600 / 800 mm
Mounting depth: 486 / 686 / 786 mm
(panel mount – panel mount)
Load capacity: 1000 Kg

FINISHINGS

Standard:

- Grey RAL 7035
Side panels
- Grey RAL 7037
Top cover, front and rear doors
- ZINC PLATED
Internal frame, 19" panel mounting angles and panel mount supports

Optional:

- Anthracite RAL 7016
Top cover, front and rear doors, side panels
- Black RAL 9005
Cabinet frame, 19" panel mounting angles and panel mount supports
- ZINC PLATED
Internal frame, 19" panel mounting angles and panel mount supports
- Custom colours on demand

DESCRIPTION

VERAK® EMC is a range of standalone cabinets designed to protect equipment from radio frequency interference. Its design enables electronic systems to comply with electromagnetic compatibility requirements. VERAK® EMC is the ideal choice for heavy industrial, electronic and telecom applications. It gives more than 80 dB of attenuation at 100 MHz and 40 dB at 1 GHz. These levels of attenuation are the highest offered by any standard product available on the market. The stainless steel gaskets provide electrical continuity between panels. They self-secure into slots punched on the EMC screen, and can be removed only with special tools. VERAK® EMC is an extremely robust cabinet. Its 2 mm framework offers exceptional strength/rigidity with a static load capacity of 1000 Kg. The front and the rear doors can be right or left hinged. They have a cam closure mechanism with conductive seal wedges protecting the integrity of the sealing system. A swing handle controls a 4-point locking system that exerts a correct pressure on the "fingers" to grant the continuity of the EMC sealing. VERAK® EMC is available with steel or glass front/rear doors. The EMC panels and the metal doors are made of a double panel structure consisting of two layers, a conductive inner layer and an outer painted one. The EMC glass door, in particular, is equipped with a thin metal mesh enclosed between two sheets of 3 mm glass to maintain ground continuity and to allow the visual inspection of the equipment without compromising EMC performance. The cables can be brought into the rack from the bottom and through a 10U high recessed cable entry panel, fitted above or below the shortened front or rear doors. The recessed panels allow the connectors to be mounted into a recessed position within the overall footprint of the enclosure. The recessed panel is easy to remove making punching and drilling an easy job without compromising EMC performance. VERAK® EMC cabinets can be fitted with solid top covers and plain or vented bottom panels. The partially or totally vented covers allow natural or forced convection cooling without reducing the enclosure's EMC performance. Other available solutions are: integrated forced cooling fan trays that can be mounted externally to the protected area, and standard fan trays including 4 or 6 fans.

SPECIFICATIONS

- Cabinet with High RFI (radio frequency interferences) attenuation;
- Cabinet frame formed by 4 verticals and 2 welded end frames (top/bottom);
- Max load capacity 1000 Kg evenly distributed;
- Adjustable front and rear 19" panel mounting angles, IEC60297 compliant;
- 19" side reducing cable channels (800 mm cabinet width) for vertical cable management, designed to support cable management accessories;
- Side vented, fully vented, unvented or IP65 top covers;
- Front metal framed glass door and single rear metal door, swing handle with manual 4-point key lock. Optional front metal door;
- Personalized solution with shortened rear door or rear EMC panels with 10U cable entry;
- Easy to remove side panels with captive screws;
- Adjustable feet;
- Optional castors, 250 kg load capacity;
- Additional baying cabinet version;
- Designed to mount an earth continuity kit, EN 60950 compliant.



19" STANDALONE CABINET
WITH IP65 ENVIROMENTAL PROTECTION

DIMENSIONS

Internal height: 27U / 37U / 42U / 47U
Full height: 1312 / 1756 / 1979 / 2201 mm
Depth: 678 / 878 / 978 mm
Width: 600 / 800 mm
Mounting depth: 486 / 686 mm
Load capacity: 1000 Kg

FINISHINGS

-  Grey RAL 7035
Side panels, frame, panel mount supports and 19" panel mounting angles
-  GreyRAL 7037
Top cover, front and rear doors
-  ZINC PLATED
Internal frame, panel mount supports and 19" panel mounting angles
-  Custom colours on demand

SPECIFICATIONS

- IP65 certified, enhanced protection against dust and water;
- Cabinet frame formed by 4 verticals and 2 welded end frames (top/bottom);
- Max load capacity 1000 Kg evenly distributed;
- Adjustable front and rear 19" panel mounting angles, IEC60297 compliant;
- 19" side reducing cable channels (800 mm cabinet width) for vertical cable management, designed to support cable management accessories;
- Front metal framed glass door, single rear metal door, swing handle with a manual 4-point key lock. Optional front metal door;
- Customized solutions with shortened rear door or 5U IP54 vented panels;
- Easy to remove side panels with captive screw fasteners;
- 100 mm optional plinth;
- Adjustable feet;
- Optional castors, 250 Kg load capacity;
- Additional baying cabinet version;
- Designed to mount an earth continuity kit, EN 60950 compliant.

DESCRIPTION

VERAK® IP cabinets are designed to meet the specific needs of telecommunication, networking, industrial and electronic applications by offering IP65 environmental protection. VERAK® IP ensures maximum protection against the ingress of dust and water. VERAK® IP is an extremely robust standalone cabinet. The 2 mm steel framework gives VERAK exceptional strength and rigidity, rated at 1000 Kg. The doors, available in their various glass or metal options, can be left or right hinged without interfering with the IP sealing. The unique design of the closing mechanism, which includes a gasket, safeguards the integrity of the IP system. A swing handle controls a 4-point locking system that exerts a correct pressure and avoids over-compression of the gaskets. Optional filtered or forced ventilation rear 5U panels, fitted above or below a shortened rear door are designed to create an air flow inside the cabinet for dissipation of the heat generated by the installed equipment. In this case the IP protection rate is downgraded to IP54. VERAK® IP can also be provided with a "pre-installed" side or top air conditioning unit with a dissipation power rate starting from 500W and going up to 6/7KW.




19" STANDALONE RACK CABINET
WITH EMC ATTENUATION AND IP65 ENVIRONMENTAL PROTECTION

DIMENSIONS

Internal height: 27U / 37U / 42U / 47U
Full height: 1312 / 1756 / 1979 / 2201 mm
Depth: 678 / 878 / 978 mm
Width: 600 / 800 mm
Mounting depth: 486 / 686 / 786 mm
Load capacity: 1000 Kg

FINISHINGS

-  Grey RAL 7035
Side panels
-  Grey RAL 7037
Top cover, front and rear doors
-  ZINC PLATED
Internal frame, 19" panel mounting angles and panel mount supports
-  Custom colours on demand

DESCRIPTION

VERAK® EMC/IP cabinets are designed to meet the specific needs of the telecommunications, industrial and electronic sectors offering IP65 environmental protection and EMC attenuation. This cabinet version protects equipment from radio frequencies allowing the electronic systems to comply with electromagnetic compatibility requirements. It guarantees maximum protection against the ingress of dust and water. The cabinet gives over 80 dB of attenuation at 100 MHz and 40 dB at 1 GHz. Such levels of attenuation are the highest offered by any standard product available on the market. The EMC gaskets ensure electrical continuity between panels. The gaskets are secured into slots made on the EMC shielding and can only be removed using a special tool. VERAK® EMC/IP is an extremely robust floor cabinet. The 2 mm thick steel frame gives strength and rigidity, with a static load capacity of 1000 kg. The cabinet profile is the face of contact of the EMC fingers. The profile interacts directly with the gaskets mounted on the panels to guarantee maximum IP tightness and the EMC insulation of the entire structure. The reversible front and rear doors are available in metal or glass. The EMC panels and doors have a double panel structure, consisting of an internal conductive panel and an external protective painted one. The EMC glass door is equipped with a thin metal mesh enclosed between two 3 mm thick glass plates to ensure continuity of grounding. The glass allows visual inspection of the equipment without compromising the EMC performance. The exclusive design of the locking mechanism safeguards the integrity of the IP and EMC sealing systems. A swing handle controls a four-points locking system that exerts the correct pressure and avoids over-compression of the seals. Thanks to the gasket being subjected to a minimal compression, the performance of the sealing and shielding system does not degrade over time with repeated door opening. Cables can be inserted into the cabinet from the base and/or through 10U high panels mounted above or below reduced height front or rear doors. Such panels ensure that the connectors do not protrude outside the structure, while the removable flat bottom plates allow easy access for modifications.

SPECIFICATIONS

- High RFI attenuation (radio frequency interference);
- IP65 certification, advanced protection against dust and humidity;
- Supplied fully assembled and configured with accessories;
- Max load capacity 1000 Kg evenly distributed;
- Standard 19" adjustable front and rear panel mounting angles;
- Glass or metal doors and removable side panels;
- Reduced height rear metal door with 10U panel for connectors or cable access;
- 4-point door locking system;
- Bottom or rear cable access;
- Optional castors, 250 kg load capacity;
- Specific accessories for a wide range of applications;
- Additional baying cabinet version;
- Designed to mount an earth continuity kit, EN 60950 compliant.






19" AISI 316 STAINLESS STEEL
RACKMOUNT CABINET

DIMENSIONS

Internal height: 27U / 37U / 42U / 47U
Full height: 1312 / 1756 / 1979 / 2201 mm
Depth: 678 / 878 / 978 mm
Width: 600 / 800 mm
Mounting depth: 486 / 686 mm
Load capacity: 1000 Kg

FINISHINGS

-  **AISI 316 Stainless Steel - Grey RAL 7035**
Top cover, front and rear doors, side panels, frame, panel mount supports and 19" panel mounting angles
-  **AISI 316 Stainless Steel**
Internal frame, panel mount supports and 19" panel mounting angles
-  **Custom colours on demand**

SPECIFICATIONS

- Cabinet made entirely of AISI 316 stainless steel;
- Polyester Powder finishing in RAL 7035 for superior resistance;
- IP54 environmental protection certified;
- Cabinet frame made by 4 verticals and 2 welded end frames;
- Max load capacity 1000 Kg evenly distributed;
- Adjustable 19" front and rear panel mounting angle, IEC60297 compliant;
- 19" side reducing cable channels (800 mm cabinet width) for vertical cable management, designed to support cable management accessories;
- Front metal framed glass door and single wing rear metal door, swing handle with manual 4-point key lock. Optional plain metal front door;
- Easy to remove side panels with captive screws;
- 100 mm optional plinth;
- Adjustable feet;
- Optional castors, 250 Kg load capacity;
- Additional baying cabinet version;
- Designed to mount an earth continuity kit, EN 60950 compliant.

DESCRIPTION

VERAK® INOX cabinets are designed for applications requiring an oxidation and a corrosion resistant enclosure. AISI 316 stainless steel construction offers superior resistance even in particularly reducing or highly saline environments characteristic of paper, chemical, food or naval industries. VERAK® INOX has a RAL 7035 finish with polyester paint offering greater resistance to chemical agents. In its standard version, the cabinet has an IP54 protection. The structural elements and options available are the same as those of the VERAK® IP series. The 2 mm steel framework gives VERAK® INOX exceptional strength and rigidity, rated at 1000 Kg. The doors, available in glass or metal options, can be left or right hinged without interfering with the IP sealing. The unique design of the closing mechanism, which includes a seal wedge, ensures the integrity of the IP sealing systems. A swing handle controls a 4-point locking system holding the proper pressure on the seals. Optional filtered or forced ventilation 5U rear panels, fitted above or below a shortened rear door, are designed to create an air flow inside the cabinet for dissipation of the heat generated by the installed equipment. VERAK® INOX can also be provided with a "pre-installed" side or top air conditioning unit with a dissipation power rate starting from 500W going up to 6/7KW.







INDUSTRIAL CABINETS
WITH INTEGRATED AIR-CONDITIONING UNIT

DIMENSIONS

Internal height: 27U / 37U / 42U / 47U
Full height: 1312 / 1756 / 1979 / 2201 mm
Depth: 678 / 878 mm
Width: 600 / 800 mm
Mounting depth: 486 / 686 mm
Weight: depending on size

FINISHINGS

- External colour:**
-  Grey RAL 7035
Side panels, panel mount supports and 19" panel mounting angles
 -  Grey RAL 7037
Top cover, front and rear doors
- Internal colour:**
-  Grey RAL 7035
 -  Custom colours on demand

DESCRIPTION

VERAK® KRIO is a cabinet equipped with an integrated air conditioning unit, designed for industrial applications needing local temperature control. The air conditioning unit can be positioned on the roof or on the side of the cabinet without occupying additional internal space. The air conditioning module introduces fresh air into the cabinet and draws up the hot air from the appliances. The cabinet has an IP protection that ensures isolation of the environment inside the cabinet. It maximizes cooling efficiency minimizing the contamination with warm air coming from the surrounding environment. VERAK® KRIO offers a maximized IP54 protection rate.

SPECIFICATIONS

- Modular solution made of an industrial cabinet paired with an AC unit;
- AC unit: ready to use in a pre-equipped solution; direct installation on the top or side panel, no additional external cooling unit required;
- Cold and hot air internal flow managed in a closed loop by the air conditioning unit;
- Cooling capacity from 550W to 5600W for side mounting AC unit;
- Cooling capacity from 600W to 2000W for top mounting AC unit;
- Different cooling capacity on request;
- Integrated cabinet with IP54 protection.



INDUSTRIAL
OUTDOOR CABINETS

CONFIGURATIONS

Construction: single or double wall
Cooling: fanless, forced ventilation or integrated AC unit
Layout: single, double or multi-section
Installation: wall-mounting, damper, floor, on vehicles

FINISHINGS

AISI 316L stainless steel
Aluminum
Primer protection
Polyester powder painting
Standard painting RAL 7035

SPECIFICATIONS

- IP54 Outdoor cabinets;
- Anti-vandal structure;
- Panel mounting angles mounted on side supports;
- Isolated panel mount supports;
- Suitable for 19" rackmounting;
- Openings with remote access control;
- Optional power section;
- Optional EMC shielding;
- Fully customizable.

DESCRIPTION

VEROK is a cabinet series for outdoor applications featuring an AISI 316L stainless steel. The high IP protection rate and the robust design grant maximum protection against direct irradiation, high temperatures, atmospheric agents and vandalism. VEROK is available in a single or double wall construction, in single, double or triple section execution, with natural convection cooling or with an integrated air conditioning unit. VEROK outdoor cabinets have a wide range of accessories that allow you to customize your cabinet and may include monitoring modules for local and remote cabinet control.



VEROK with a triple sections execution



VEROK with dampers plate




VEROK with integrated air conditioning unit



DIMENSIONS

Lower internal height: 14U
Upper internal height: 12U / 16U / 18U / 21U
Depth: 600 / 800 mm
Width: 600 mm

FINISHINGS

 Grey RAL 7035 (Desktop ABET 871)
Cabinet frame, side panels, front and rear doors, top and bottom covers

SPECIFICATIONS

- Single free standing or multiple bayed modular solutions;
- Expandable and modifiable also after installation;
- Infinite “mix and match” plan and elevations options;
- Fully assembled modules for ease of transport and installation;
- Adjustable 19” panel mounts;
- Hinged front and rear doors;
- Cable access through side and bottom panels;
- Suitable for up to 21" displays;
- Internal or external angles of 30° and 45°;
- Rolled edge desktop;
- Levelling feet and bolting down points;
- Wide range of accessories.

DESCRIPTION

IMCOM is a flexible and versatile console system, suitable for the easy assembly of various multiple configurations. IMCOM console system consists of a base unit featuring a 14U lower part and a sloping upper part available in 12U, 16U, 18U and 21U height options. The base unit, available in two depths, is the key to the overall system and can be used free standing or bayed to build modular working isles. IMCOM console system is equipped with 19” adjustable panel mounting angles, both at the front and at the rear. The upper part has sloping uprights for a better visual angle in case of installation of monitors or devices with displays. The base unit can be completed with an additional overhead with 19” panel mounting angles or with an overhead sloping to be fitted directly on the console to create an extra 10U space. Printer desk units match the console with an identical construction and desk height. Desktops can be customized with apertures, cable glands or recessed area for the installation of keyboards or other devices.



MODULAR
CONSOLE SYSTEM






MULTI-APPLICATION
SERVER CABINET

DIMENSIONS

Internal height: 27U / 43U / 47U
Full height: 1300 / 2011 / 2189 mm
Depth: 1000 / 1200 mm
Width: 600 / 800 mm
Mounting depth: 770 mm
Load capacity: 1000 Kg

FINISHINGS

- External colour:**
-  Anthracite RAL 7016
Cabinet frame, front door, rear panel and side panels
 - Internal colour:**
 -  Black RAL 9005
Panel mount supports and 19" panel mounting angles
 -  Custom colours on demand

SPECIFICATIONS

- o Cabinet frame made by 2 vertical frames, 2 covers (top/bottom);
- o Max load capacity 1000 Kg evenly distributed;
- o Adjustable 19" panel mounting angles at the front, adjustable and split at the rear, IEC60297 compliant;
- o 19" side reducing cable channels (800 mm cabinet width) for vertical cable management, designed to support cable management accessories;
- o Side vented top cover with 2 cable entry areas with cover plates, also suitable for mounting a 2 or 4 fans "zero U" fan tray;
- o Reversible vented front metal door (45%). Glass vented, single or double vented rear door;
- o Easy to remove side panels with external security locks;
- o Open bottom for easy cable access, suitable for mounting gland plates;
- o Adjustable feet;
- o Optional castors, 250 Kg load capacity;
- o Additional baying cabinet version;
- o Designed to mount an earth continuity kit, EN 60950 compliant.

DESCRIPTION

IMAGE® SERVER is a multi-functional cabinet for server applications. The steel frame consisting of 2 vertical welded frames and 2 top/bottom covers guarantees a maximum load rate of 1000 Kg evenly distributed. The easy to remove side panels have external locks and a safety system protecting from accidental falls during their removal. The 19" panel mounting angles are mounted on side panel mount supports allowing for an adjustable depth positioning inside the cabinet. The rear panel mounting angles, split in three zones are ideal for the installation of multi-vendor servers. The doors, in their available options, are equipped with a central single key lock, reversible opening and can be equipped with a swing handle. Manual or automatic keyed alike locks are available on request. The top cover is designed to mount a "zero U" ventilation fan tray with 2 or 4 fans (optional).





SERVER CABINET
FOR INDUSTRIAL APPLICATIONS

DIMENSIONS

Internal height: 42U / 47U
Full height: 1978 / 2200 mm
Depth: 1074 mm
Width: 600 / 800 mm
Mounting depth: 720 mm
Weight: da 121 Kg a 150 Kg
Load capacity: 1000 Kg

FINISHINGS

Standard:

-  Grey RAL 7035
Side panels, panel mount supports, 19" panel mounting angles and internal frame
-  Grey RAL 7037
Top cover, front and rear doors

Optional:

-  Anthracite RAL 7016
Top cover, front and rear doors and side panels
-  Black RAL 9005
Cabinet frame, panel mount supports and 19" panel mounting angles
-  Custom colours on demand

DESCRIPTION

IMRAK® Server Max is a standalone cabinet specifically designed for industrial server applications. It has an assembled structure consisting of 2 welded end frames and 4 vertical pillars. The steel frame grants a maximum static load rate of 1000 kg evenly distributed. The easy to remove side panels have 2 quick-release fasteners and a safety system protecting from accidental falls during their removal. The 19" panel mounting angles are fastened on the side panel mount supports allowing an adjustable depth positioning inside the cabinet. At the rear they are split in three areas to allow the installation of multi-vendor servers. The doors, in their available options, have a central single key lock, reversible door opening and can be equipped with a swing handle with an optional automatic or manual key lock. The top cover is designed to mount a "zero U" ventilation fan tray with 4 or 6 fans (optional). The optional fan tray will not interfere with the rear cable entry area.

SPECIFICATIONS

- Cabinet frame made by 4 verticals and 2 welded end frames (top/bottom);
- Max load capacity 1000 Kg evenly distributed;
- Adjustable 19" panel mounting angles at the front, adjustable and split at the rear, IEC60297 compliant;
- Front and rear 19" side reducing cable channels (800 mm cabinet width) for vertical cable management, designed to support cable management accessories;
- Fully vented top cover with cable entry areas at the rear;
- Reversible metal vented (63%) or glass vented front door, swing handle with key lock. Rear vented double door, swing handle with a three-point key lock;
- Easy to remove side panels with optional security locks;
- Open bottom for easy cable access, suitable for mounting gland plates;
- Optional adjustable feet;
- Optional castors, 250 Kg load capacity;
- Additional buying cabinet version;
- Designed to mount an earth continuity kit, EN 60950 compliant.



SERVER CABINET
FOR HIGH DENSITY INSTALLATIONS

DIMENSIONS

Internal height: 27U / 42U / 47U
Full height: 1202 / 1979 / 2201 mm
Depth: 778 / 978 / 1178 mm
Width: 600 / 800 mm
Mounting depth: 578 / 786 / 886 mm
Load capacity: 1500 Kg

FINISHINGS

- External colour:**
- Anthracite RAL 7016
Front door, rear panel, top cover and side panels
 - Black RAL 9005
Cabinet frame, panel mount supports and 19" panel mounting angles
 - Custom colours on demand

SPECIFICATIONS

- Cabinet frame made by 4 verticals and 2 welded end frames (top/bottom);
- Max load capacity 1500 Kg evenly distributed;
- Adjustable 19" panel mounting angles at the front, adjustable and split at the rear, IEC60297 compliant;
- 19" side reducing cable channels (800 mm cabinet width) for vertical cable management, designed to support cable management accessories;
- Vented top cover with 5/7 cable entry areas (2/3 cable entry areas for each side depending on cabinet depth, and 1 cable entry area at the rear);
- Reversible metal vented (81%) or glass vented front door with temperature led display, swing handle and automatic three-point lock;
- Rear vented double door with a three-point key lock swing handle;
- 180° doors opening angle;
- Easy to remove side panels with internal security locks;
- Open bottom for easy cable access, suitable for mounting gland plates;
- Adjustable feet;
- Optional castors, 250 Kg load capacity;
- Additional baying cabinet version;
- Designed to mount the earth continuity kit, EN 60950 compliant.

DESCRIPTION

VERAK® S-MAX is a cabinet specially designed for housing new generation servers. Rugged and versatile, VERAK® S-MAX creates a safe and secure environment. It comes with a steel structure ensuring a static load capacity of up to 1500 Kg evenly distributed. The easy to remove side panels are fitted with internal security locks. The 19" panel mounting angles are mounted on the side panel mount supports to allow depth positioning adjustments inside the cabinet. The rear panel mounting angles are split in three areas to allow the installation of multi-vendor servers. The door options available have swing handles, three-point key locks and reversible openings. The front door features a temperature display with a 3m sensor. The top cover has 5/7 cable entry areas (3 for each side and 1 at the rear). The top frame of the structure can mount an optional "zero U" fan tray with 4 or 6 fans for extra ventilation. The optional fan tray will not interfere with cable entry areas.






19" HIGH DENSITY SERVERS CABINET
WITH ADDITIONAL VERTICAL RACK UNITS

DIMENSIONS

Internal height: 42U / 47U
Full height: 1979 / 2201 mm
Depth: 978 / 1178 mm
Width: 600 mm
Mounting depth: 786 / 886 mm
Load capacity: 1300 Kg

FINISHINGS

- External colour:**
-  Anthracite RAL 7016
Front and rear door, top cover and side panels
 -  Black RAL 9005
Cabinet frame, panel mount supports and 19" panel mounting angles
 -  Custom colours on demand

SPECIFICATIONS

- Cabinet frame formed by 4 verticals and 2 welded end frames (top/bottom);
- Max load capacity 1300 Kg evenly distributed;
- Adjustable front and rear 19" panel mounting angles, IEC60297 compliant;
- 50 mm side channel space suitable for cable management or for vertical 19" 1U units;
- Vented top cover with 7 cable entry areas (3 on each side and 1 at the rear);
- Metal vented (81%) front door with reversible opening, swing handle with an automatic three-point locks. LCD display with a 3m temperature sensor;
- Rear vented double door, swing handle with an automatic three-point key lock;
- 180° door opening angles;
- Easy to remove side panels with internal security locks;
- Additional vertical rack units;
- Open bottom for easy cable access, suitable for mounting gland plates;
- Adjustable feet;
- Optional castors, 250 Kg load capacity;
- Additional baying cabinet version;
- Designed to mount the earth continuity kit, EN 60950 compliant.

DESCRIPTION

BLADE S-MAX is a standalone cabinet specially designed for housing new generation "high density" servers. In addition to the features of a traditional S-Max server cabinet, the rugged and versatile Blade S-MAX offers extra vertical space for optimal cable management. In fact, the user can rely on extra 6/8 vertical space units - depending on version - on top of the traditional horizontal 19", and a space in the upper cover dedicated to housing cable channels. All this extra space does not occupy any of the space dedicated to housing the servers. For example, Blade S-Max in the traditional 42U version provides an additional 8 units space, increasing the capacity of the rack to a total of 50 units. The upper part of the structure allows the mounting of an optional "zero U" ventilation unit with 4 or 6 fans. The optional fan tray will not interfere with cable passage areas.




SERVER CABINETS
FOR CO-LOCATION


DIMENSIONS

Internal height: 27U / 42U / 43U / 47U
Full height: 1202 / 1300 / 1979 / 2011 / 2189 / 2200 mm
Depth: 1000 / 1200 mm
Width: 600 / 800 mm
Mounting depth: 578 / 720 / 770 / 786 / 886 mm
On request partitions: 2, 3, 4 zones
Load capacity: until 1500 Kg

FINISHINGS

External colour:
 Anthracite RAL 7016
Front and rear door, top cover and side panels

Internal colour:
 Black RAL 9005
Cabinet frame, panel mount supports and 19" panel mounting angles

 Custom colours on demand

DESCRIPTION

The **CO-LOCATION** solution is a server cabinet with one or more independent compartments with individual front and rear doors. The areas are separated from each other by sectioning planes which may include a rear cable passage area to allow full height wiring inside the cabinet. The doors can be single or double, vented or unvented, in a metal or glass version with various closing options. Each compartment inside the cabinet is equipped with independent and adjustable front and rear uprights.

CO-LOCATION solutions can be built using any of the server cabinets of the IMAGE®, VERAK® IP, VERAK® EMC and VERAK® S-MAX families, including those of the VERAK® KRIO cabinet series. CO-LOCATION solutions can also be used with additional-bay version cabinets for the realization of rows of racks with internal partition.

SPECIFICATIONS

- Cabinet with 2, 3 and 4 independent compartments depending on cabinet height;
- Unique cabinet frame made by 4 verticals and 2 welded end frames (top/bottom);
- Max load capacity 1500 Kg evenly distributed;
- Front and rear adjustable 19" panel mounting angles, independent for each compartment, IEC60297 compliant;
- Vented top cover with cable entry areas;
- Reversible vented metal or glass front and rear doors with several locking system options;
- Easy to remove side panels;
- Optional divider panels with lateral cable glands for "row" applications;
- Internal separating plates with openings for cable passage;
- Bottom with a wide cable entry area, suitable for mounting gland plates;
- Height adjustable feet;
- Optional castors, 115 Kg or 250 Kg load capacity;
- Additional baying cabinet version;
- Designed to mount an earth continuity, EN 60950 compliant.

PERSONALIZED AND CUSTOM PRODUCTS

Cabinets and mechanical solutions



MODIFIED STANDARD CABINETS
AND CUSTOM SOLUTIONS

PERSONALIZED AND CUSTOM PRODUCTS

Cabinets and mechanical solutions

PERSONALIZED CATALOG PRODUCTS

The APW catalog includes over 30 standard products whose models can be customized with different variants of

- Colour
- Material
- Dedicated accessories

CUSTOM SOLUTIONS

We can develop custom solutions upon client's request including:

- Requirements analysis
- Product design
- FEM calculations
- Thermal simulations
- Mechanical production
- Assembly
- Testing
- IP tests
- Shock and vibration tests
- EMI / EMC tests

PRODUCTS EXAMPLES



Custom subrack



Custom outdoor cabinet



Custom industrial console

MINIDATACENTER

Modular cold aisle



MODULAR
COLD AISLE

MINIDATACENTER

Modular cold aisle

DIMENSIONS

Internal height: 42U / 43U / 47U
Full height: 1979 / 2011 / 2189 mm
Depth: 800 / 1000 / 1200 mm
Width: 600 / 800 mm
Load capacity: until 1500 Kg

FINISHINGS

-  Anthracite RAL 7016
Cabinet frame, front door, rear panel and sides
-  Custom colours on demand

DESCRIPTION

The **MINIDATACENTER** is a modular and expandable solution designed to contain server equipment and to maximize cooling efficiency. The vertical flow of cold air coming from the technical floor is deployed by the individual devices for their cooling needs. The hot air is then ejected from the rear side of the cabinets and dispersed into the environment. This way the containment system creates an enclosure of cold air within the corridor that will not mix with the warmer air circulating in the surrounding environment. MINIDATACENTER solutions allow you to create a real cold aisle offering a superior energy performance and a significant reduction of the cooling costs.

SPECIFICATIONS

- Self-supporting and expandable modular design;
- Elegant finishes matching perfectly any Datacom equipment;
- Colours: RAL 7016 or custom;
- Quick and professional installation;
- Designed to be fitted with IMAGE®, VERAK® S-MAX or BLADE S-MAX cabinet series;
- Lexan transparent cover;
- Front and rear sliding doors;
- Optional automatic door locking system;
- Wide range of customized locking solutions;
- Easy and quick to expand.



Cold corridor



Cold corridor



Cold corridor






MODULAR SYSTEM
FOR SITE PARTITION

DIMENSIONS

Full height: 2.4 m
Modules width: 600 / 900 mm

FINISHINGS

-  Anthracite RAL 7016
Panels and door
-  Black RAL 9005
Linear and angle pillars
-  Custom colours on demand

DESCRIPTION

IMSUIE is the modular and scalable solution for the creation of technical areas partitions. IMSUIE modularity leverages on robust panels available in two different widths that allow you to create an almost unlimited number of configurations. The partially vented IMSUIE standard panels ensure a generous ventilation, preventing, at the same time, identification of the equipment contained inside. On request of the client, IMSUIE can be equipped with a swing or a sliding door with customized lock solutions to meet safety requirements. To prevent unauthorized access to the suite by simply removing floor tiles, it is also possible to request an underfloor and false ceiling barrier system that can be configured to specific needs. IMSUIE is available in an elegant combination of anthracite (filler panels) and black (uprights) finishes, but can also be customized with customer's corporate colours.

SPECIFICATIONS

- Self-supporting modular design;
- Quick and easy to expand;
- Standard height 2.4 m;
- Two standard widths of panels: 600 mm and 900 mm;
- Standard vented panels;
- Standard swing door, optional sliding door with security locks;
- Total enclosure protection system on request, including false ceiling and under-floor guarding;
- Optional "turnkey" solutions with on-site assembly service package;
- Unlimited quick and easy scalability.



IMSUIE



IMSUIE



IMSUIE

REMOTE CONTROLLING

Complements and accessories



INTELLIGENT PDU - ACCESS CONTROL - AIRFLOW MANAGEMENT - ENVIRONMENTAL SENSORS - KVM SOLUTIONS AND DISPLAYS

REMOTE CONTROLLING

Complements and accessories



INTELLIGENT PDUs

- 1-Phase**
 - Single feed PDU
 - Dual feed PDU
 - ATS
 - In line meters
- 3-Phase**
 - PDU
 - In line meters
 - In line splitters



RACK AIRFLOW MANAGEMENT

- Raised floor mounting fans
- Door mount fan panels
- 1U rackmount fan trays



KVM AND RACK CONSOLE DRAWERS

- Cat6 Matrix/Combo KVM
 - DP KVM
 - DVI-D KVM
 - KVM modules
- 1U KVM drawers
 - 2U KVM drawers
 - 2U Multi-display drawers
 - Keyboard drawers



RACK ACCESS CONTROL

- Standalone access control systems
- Networked access control systems



RACK SENSORS

- Temperature + humidity sensors
- Water sensors
- Smoke sensors
- Shock sensors
- LED beacons
- Inductive door sensors
- Mechanical door sensor



RACK DISPLAYS

- Rackmount displays
- Display drawers
- Multi-display drawers

Note

[illegible]



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KEEP IN TOUCH

