



EMKA Rack Management

Secure • Flexible • Intelligent



Rack Management by EMKA

The risen requirements of modern IT infrastructure in data centres demand a maximum of physical security.

The Rack Management System by EMKA guarantees unambiguous logging and backtracking due to its personified access control down to cabinet level. Moreover, the system monitors all physical parameters in the rack and thus increases the operational reliability of the entire installation.

It consists of a database-driven control software, high-capacity modules and electromechanical handles. The modular structure and the standardised connection technology enable a simple installation and a fast start-up. Wireless handles reduce the time and effort for mounting significantly and cut the investment costs.

The functionality of the system can be enhanced and complemented any time by adding further modules. The integration into already existing security systems can be realised without any difficulty.



Monitoring



Access control



Service



Control access reliably

Synchronised hardware and software components ensure a maximum of security and transparency for the access control.

The database-driven software Control Cockpit takes care of the central operation, monitoring and configuration. A high-capacity wireless network enables the direct access to a virtually unlimited number of server racks.

The complete logging documents all access-relevant information and guarantees the possibility of unambiguous backtracking of the events. In case of irregularities, alerts are automatically transmitted.

Everything for your security.



Swinghandle Agent E Wireless

The swinghandle Agent E Wireless by EMKA has been specially developed for the use on server racks and enables central monitoring, remote-controlled opening and system configuration. Wireless!

The authentication is performed directly on the handle by the RFID cards available in the company. In combination with a multi-level emergency concept the function is also always guaranteed in case of a malfunction or battery failure.

A highly-efficient power management in the handle guarantees a long battery life. Due to its make-up it is equally suitable for new installations as well as for retrofitting. Because of the wireless network technology you can do without costly wiring.

[View EMKA main catalogue](#)



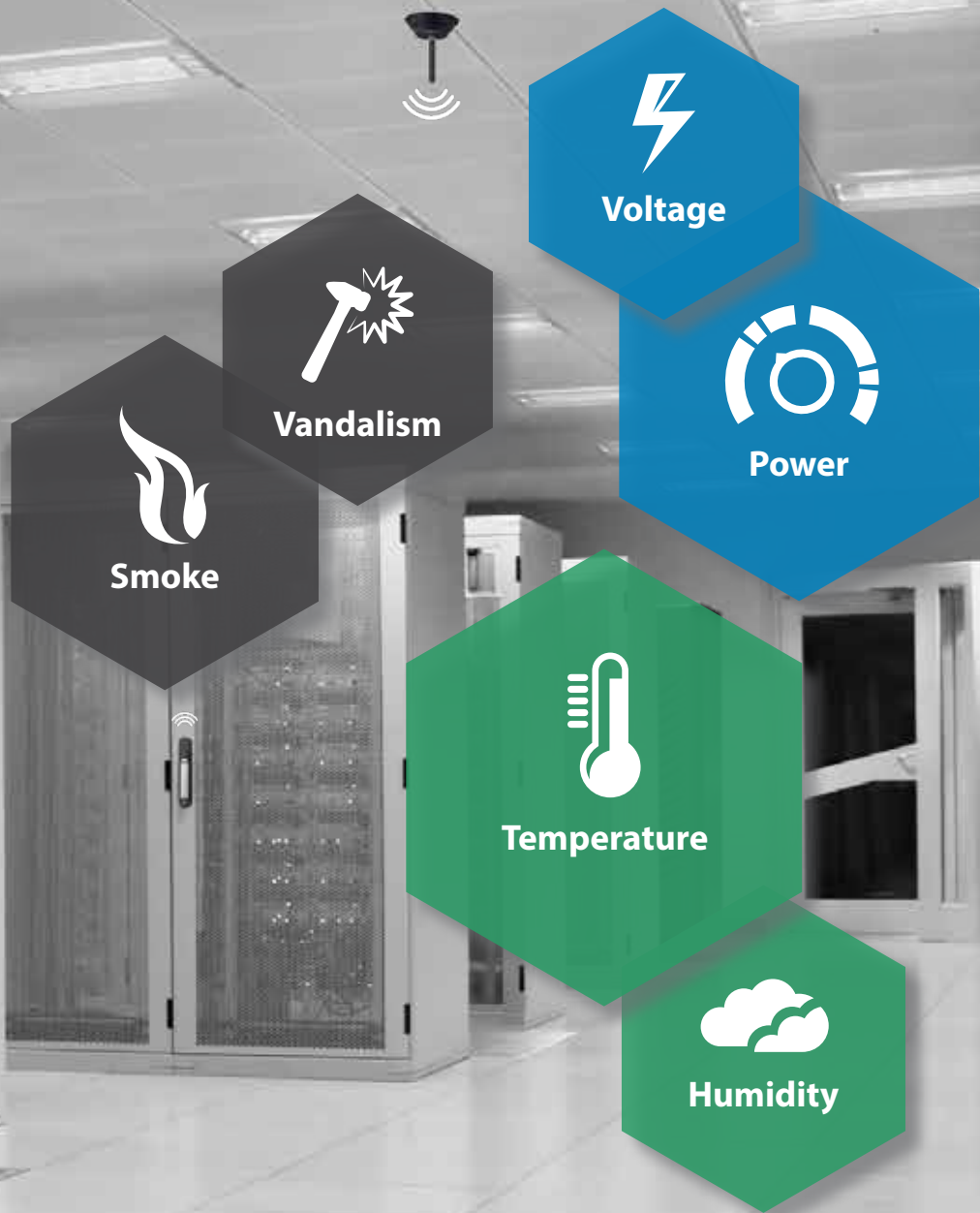


Process stability in operation

The monitoring of various parameters in the server racks is done by specific sensors by EMKA. The measured values are captured centrally and evaluated. When limit values are exceeded, they can trigger alarms, switch on fans or air-conditioning units or effect emergency openings of the rack doors.

In combination with the software Control Cockpit, the data provide a basis for increasing the energy efficiency of data centres.

The sensor program of EMKA includes all relevant parameters for measuring and monitoring the operating status of server racks.



Danger

Smoke detector and vandalism sensor for signalling in case of immediate danger

Power

Sensors for electrical parameters (current, voltage) for measuring and optimising the power consumption

HVACR

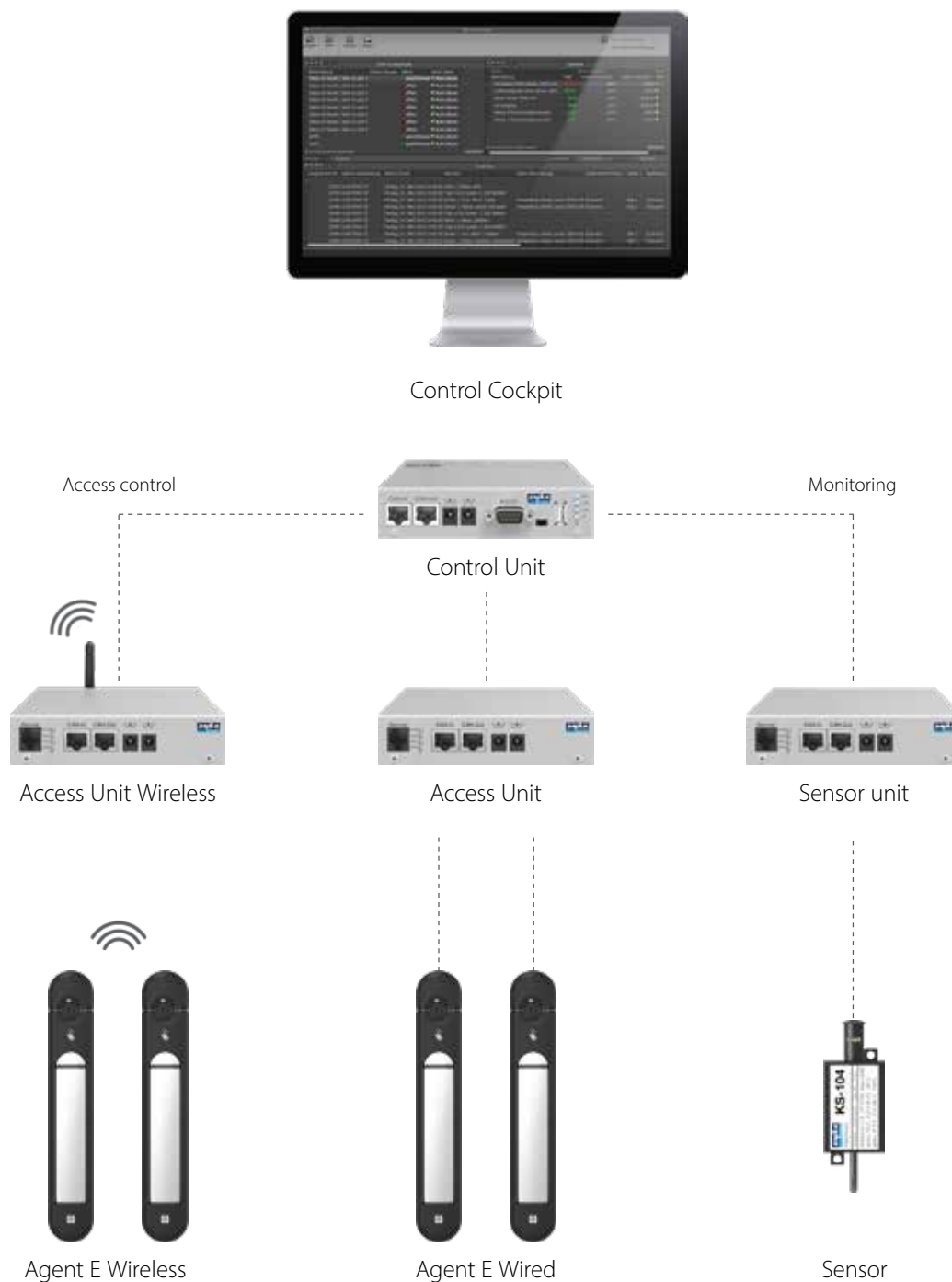
Temperature, humidity and leakage sensor for climatic parameters

Intelligent rack management

The Rack Management System by EMKA consists of the central Control Unit and the connected components for access control and rack monitoring.

Due to its modular structure it is scalable for any application: from a single cabinet in stand-alone operation up to centrally administered server racks in data centres.

EMKA is as yet the only company offering a rack management system with wireless access control. It is very flexible and cost-saving with regard to its installation.





Control Cockpit - Central administration

With the software Control Cockpit you can monitor all Control Units.

The views of access control or operating status can be configured according to your requirements.
All access attempts to server racks are logged and completely documented.
All operating status are displayed and alarms are directly transmitted to the operator.

The open database structure with SQL interface enables a simple integration into higher level systems.



A strong partner by your side!

The EMKA Group is world market leader for locks and latches, hinges and seals used in switch and control cabinets.

For more than 40 years, the company has been active across all sectors in the fields of industry (switch and control cabinets, HVACR systems, mechanical engineering) and transport (railway and commercial vehicles, caravans, etc.) with conventional and electronic locking solutions.

The overall range comprises more than 30,000 catalogue and special articles, which are developed, manufactured, refined and assembled at eleven production sites in Germany, France, Great Britain, Spain, Bosnia-Herzegovina, Serbia, China, India and Indonesia, with over 92% of the products being produced in-house.

In one of the two new plants in Bosnia, the company produces around 900 moulds for injection moulding and die casting every year - both for own production and for external customers.

With 2,100 employees, EMKA serves over 36,000 customers in 60 countries worldwide.

In 2022, the company achieved turnover of over 350 million euros.

EMKA - Ingenious Locking Technology.



 ALGERIA EMKA France Tel. +33/254/320862 emka@emka-france.com	 FRANCE EMKA France Tel. +33/254/320862 emka@emka-france.com	 MONTENEGRO EMKA Bosnia Tel. +387/38/241310 info@emka.ba	 TUNISIA EMKA France Tel. +33/254/320862 emka@emka-france.com
 ARMENIA EMKA Kilit Tel. +90/262/2909097 info@emkakilit.com.tr	 GEORGIA EMKA Kilit Tel. +90/262/2909097 info@emkakilit.com.tr	 NETHERLANDS EMKA Benelux Tel. +31/413/323510 info@emka.org	 TURKMENISTAN EMKA Kilit Tel. +90/262/2909097 info@emkakilit.com.tr
 AUSTRIA EMKA Beschlagteile Ges.m.b.H. Tel. +43/2143/43063 info@emka-beschlagteile.at	 GREECE * EMKA Hellas Tel. +30/21041/83183 info@emka-hellas.com	 NORWAY EMKA Scandinavia Tel. +46/36/314130 info@emka.se	 TURKEY EMKA Kilit Tel. +90/262/2909097 info@emkakilit.com.tr
 AUSTRALIA EMKA Pacific AU Tel. +61/_/xxx sales@emka.com.au	 HUNGARY EMKA Beschlagteile Ges.m.b.H. Tel. +36/1/2360032 info@emka.hu	 POLAND EMKA Polska Tel. +48/32/6663300 info@emka.net	 UAE EMKA Middle East Tel. +971/4/2844528 info@emka.ae
 AZERBAIJAN EMKA Kilit Tel. +90/262/2909097 info@emkakilit.com.tr	 INDIA EMKA India Tel. +91/80/48542727 info@emka.in	 PORTUGAL EMKA Beschlagteile Ibérica Tel. +34/672/262672 info@emka-iberica.pt	 UKRAINE EMKA Ukraine Tel. +380/96/7535875 info@emka.in.ua
 BELGIUM EMKA Benelux Tel. +31/413/323510 info@emka.org	 INDONESIA EMKA Pacific Tel. +62/22/87301000 info@emka-pacific.id	 ROMANIA S.C. EMKA Beschlagteile Tel. +40/269/222700 info@emka.ro	 UNITED KINGDOM EMKA (UK) Tel. +44/2476/616505 info@emka.co.uk
 BOSNIA-HERZEGOVINA EMKA Bosnia Tel. +387/38/241310 info@emka.ba	 ISRAEL * Kornass Mechanical Engineering Tel. +972/76/5400789 sales@kornass.com	 SERBIA EMKA Okovi Tel. +385/35/270073 info@emka-okovi.hr	 USA EMKA Inc. Tel. +1/717/9861111 info@emkausa.com
 CANADA EMKA Inc. Tel. +1/717/9861111 info@emkausa.com	 ITALY EMKA Italia Tel. +39/045/6471070 info@emka.it	 SINGAPORE * VF Fastening Systems Tel. +65/6752/3033 vincent@vffastening.com.sg	 UZBEKISTAN EMKA Kilit Tel. +90/262/2909097 info@emkakilit.com.tr
 CHINA EMKA Industrial Hardware Tel. +86/22/22242300 info@emka.cn	 JAPAN * TOCHIGIYA Tel. +81/48/2283072 support@tochigiya.co.jp	 SLOVAKIA EMKA Beschlagteile Ges.m.b.H. Tel. +42/190/3446826 mro.herman@gmail.com	 VIETNAM * DNP - Dai Nguyen Phat Tel. +84/356/951724 ltn@dainguyenphat.com
 CROATIA EMKA Okovi Tel. +385/35/270073 info@emka-okovi.hr	 KAZAKHSTAN EMKA Kilit Tel. +90/262/2909097 info@emkakilit.com.tr	 SOUTH AFRICA * Enclosure Solutions Tel. +27/11/9737260 info@enclosuresolutions.co.za	
 CZECH REPUBLIC EMKA Beschlagteile CZ Tel. +43/2143/43063 info@emka-solutions.cz	 LATVIA EMKA Polska Tel. +370/612/42868 m.balsevicius@emka.net	 SOUTH COREA * Geo Jeon Tel. +82/314/335508 geojeon@emkakorea.co.kr	
 DENMARK * A/S Megatrade Beslag Tel. +45/44916700 mega@megatrade.dk	 LITHUANIA EMKA Polska Tel. +370/612/42868 m.balsevicius@emka.net	 SPAIN EMKA Beschlagteile Ibérica Tel. +34/672/262672 info@emka-iberica.es	
 ESTONIA EMKA Polska Tel. +370/612/42868 m.balsevicius@emka.net	 MOROCCO EMKA France Tel. +33/254/320862 emka@emka-france.com	 SWEDEN EMKA Scandinavia Tel. +46/36/314130 info@emka.se	
 FINLAND EMKA Scandinavia Tel. +46/36/314130 info@emka.se	 MEXICO EMKA Mexico Beschlagteile Tel. +52/44/22095217 info@emka.mx	 SWITZERLAND EMKA Beschlagteile AG Tel. +41/33/8260220 info@emka.ch	

*Agency

www.EMKA.com



EMKA Beschlagteile GmbH & Co. KG
Langenberger Str. 32 • 42551 Velbert, Germany • Tel.: +49/2051/273-0 • Fax: +49/2051/273-128 • E-Mail: info@emka.com • www.emka.com

