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**Extended firewall functionality for cellular routers**

# The new firmware 2.05.1 extends the scope of functions of the TC Router product range from Phoenix Contact. The firmware is available to download in the E-Shop.

# The cellular routers enable location-independent and permanent access to station networks and systems via the cellular network. They have been specifically optimised for infrastructure applications and, with VPN and firewall, provide protection against unauthorised access.

# With the new firmware update, the protective functions are being extended with a device-specific firewall in addition to the existing general firewall and the IPsec firewall (VPN), both of which protect communication between the LAN and Internet. All interfaces, such as access to the web-based management system for device configuration and the XML interface for sending SMS and e-mail notifications, can now also be protected with rules, for example, station-specific access permission through just one selected group of IP addresses. In addition, DoS (Denial of Service) protection ensures that, in the event of an attack (ICMP flood/TCP SYN flood), the router does not use unnecessary resources and remains in a valid operating state. Furthermore, along with the new firewall, access to the web interface can now also be secured with user-defined certificates for the HTTPS protocol. This increases the security of access, and browsers recognise the connection to the router automatically as being trustworthy.

# Ends

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