

OPEN EMS *Service & Security Center*

Building automation security for users without prior IT knowledge

Every building automation system needs DDC components that are secure and that protect against third-party access. This necessary IT security involves quite a few expenses and often requires in-depth IT knowledge. With the new *Service & Security Center* and its security features, the OPEN EMS (DDC) platform from DEOS AG offers a simple and pragmatic solution.

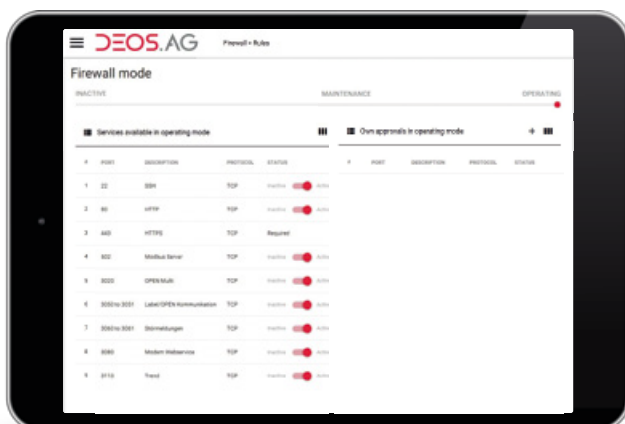
The acceptance for activating controller security settings in order to render secure the IT associated with the building is markedly increased thanks to default firewall settings, a user interface that is easy to navigate and a variety of options with selection fields that can be readily understood.



OPEN EMS with security features – DDC controller of DEOS AG

Range of security setting features:

- Firewall protection that meets exacting security standards
- HTTPS-encrypted controller access
- Security certificates that are easily managed
- Practical user management



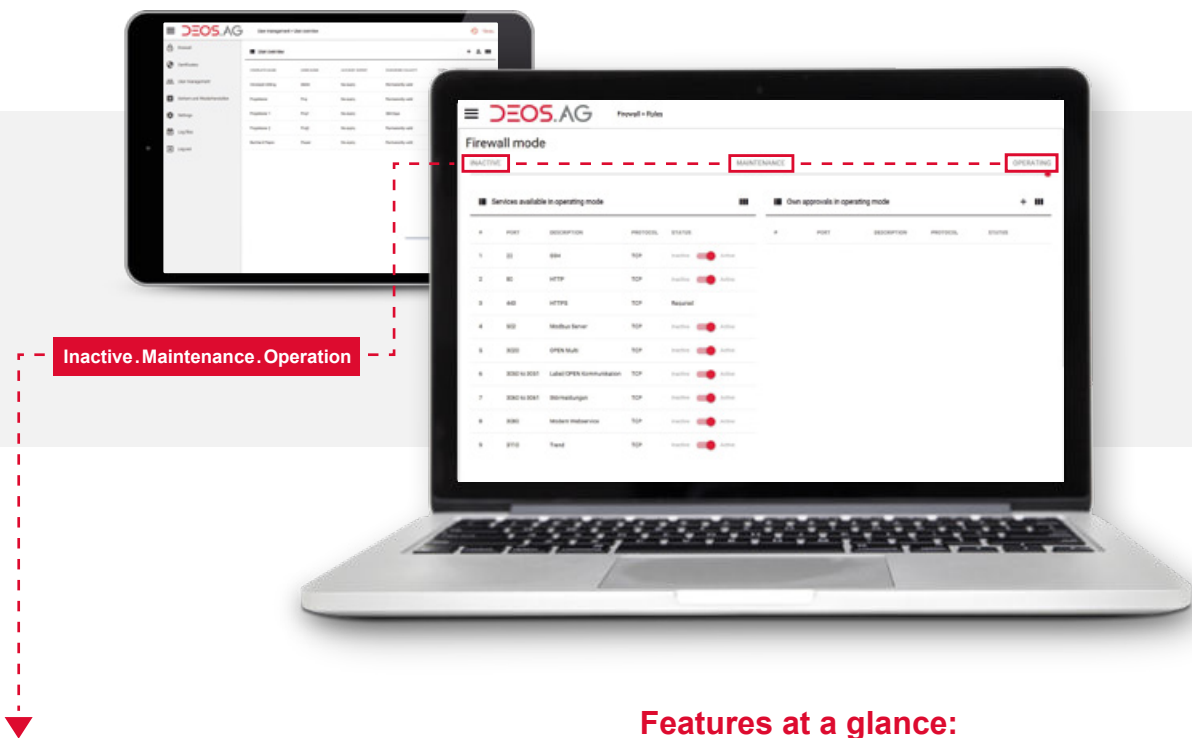
What sets the OPEN EMS *Service & Security Center* apart from other products?

What it comes down to is: Simplicity. We believe it is essential that the setting options for security features are presented in a clear and comprehensible manner. For this reason, we developed the new intuitive graphic user interface with the aim of enabling every employee to configure firewall settings without in-depth IT knowledge or prior training. This helps to minimise the risk of incorrect settings and thus helps to ensure the IT security for the building. Because: What is the use of an IT security system, if its complexity is simply overwhelming?

OPEN EMS *Service & Security Center*

Security thanks to intuitive firewall modes

The security settings of the *Service & Security Center* are easy to use. Users of the OPEN EMS can be added and managed including an expiry date on request. The user can also choose one of three firewall modes: Inactive, maintenance and operation. This is where pre-configured security settings can be made specific to the individual case. Adjustments can also be made via sliders. The expert mode offers further firewall setting options for employees with IT expertise, whereby data histories are created for the configuration changes and the login and logout processes. This way, the features provided by the *Service & Security Center* can be used by every employee without profound IT expertise.



Apart from the “inactive” and “operation” modes, the maintenance mode enables additional ports for incoming connections. This allows new control programs to be uploaded to the DDC controller via Uploader, for example. The session timer automatically resets the controller to the operating mode after each maintenance intervention. Thus, security flaws arising due to the temporary opening and closing of ports are prevented.

All these functions are aimed at facilitating practical use according to the principle of „**keep it smart & simple**“. With this intuitive operating concept, securing the controllers is inexpensive – and requires no IT expertise.

Features at a glance:

- Customisable user management
- History of configuration changes
- Professional IT protection that is easy to use
- No prior IT expertise required
- Security provided by the firewall, certificates and HTTPS
- Configuration files can be imported and exported
- Clientless access via standard browser
- Delivered with pre-configured settings for secure operation
- Free security upgrades possible at a later date
- Transfer of OPEN EMS security settings via drag & drop