

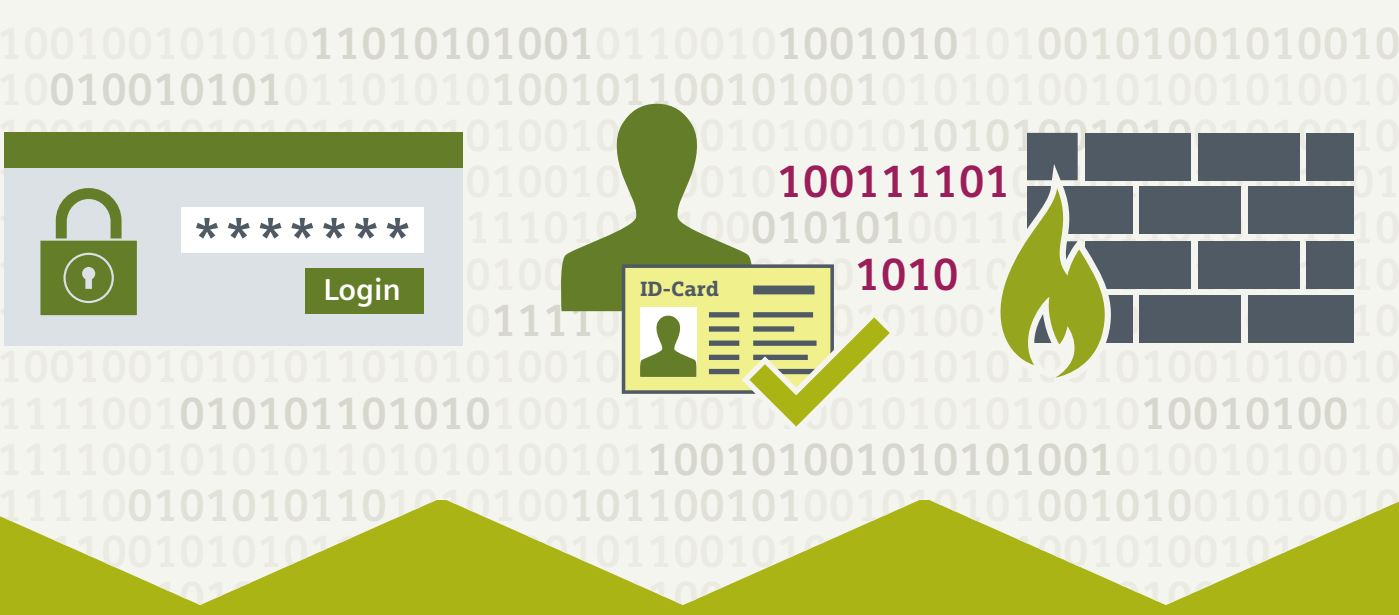
Industrial Security – Network security

Production facilities are constantly exposed to dangers. Data espionage, tampering, and unauthorized access via the network and Internet are affecting the security status of the plant.

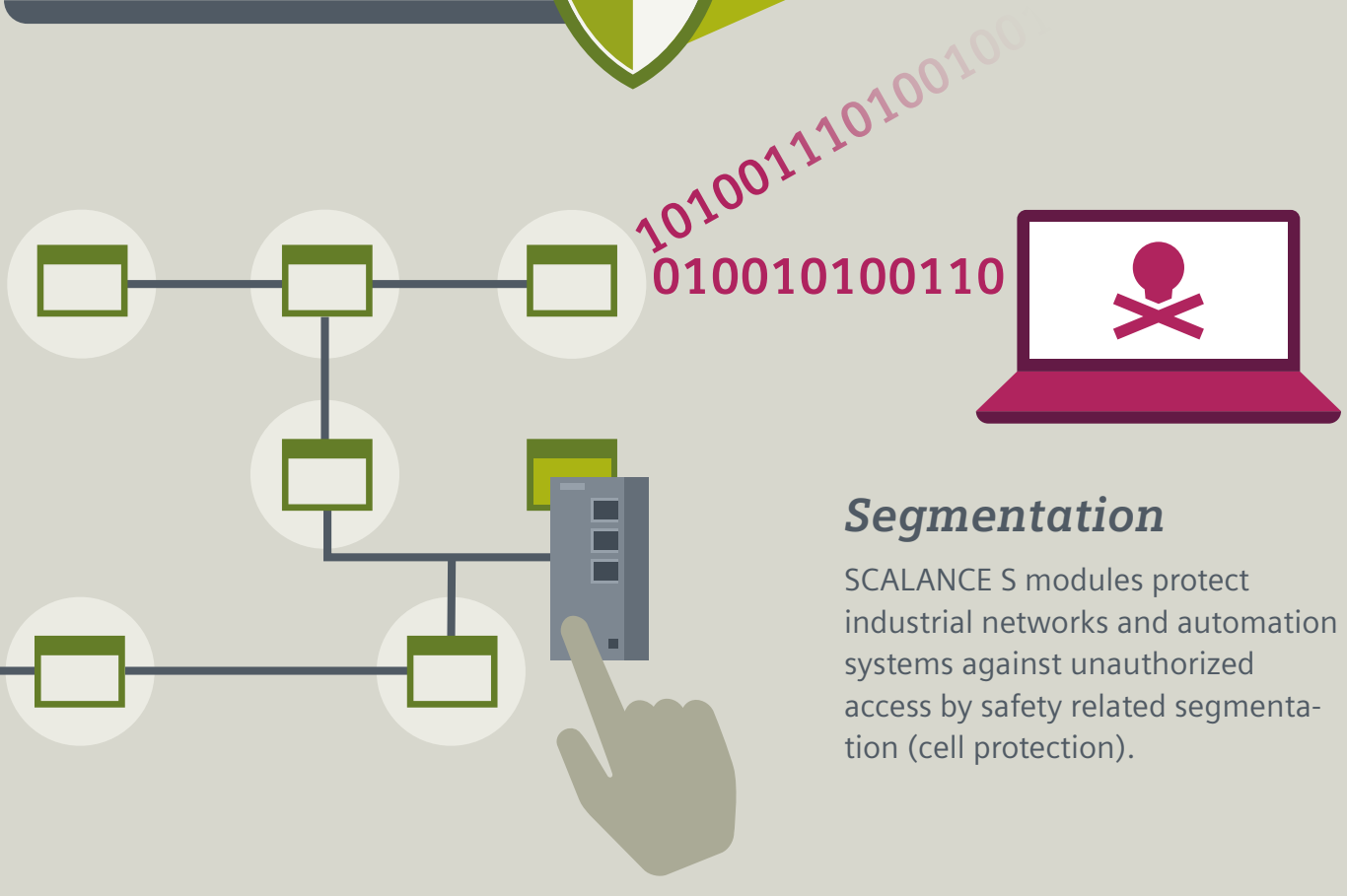


The solution: Industrial Security – Network security

Enables comprehensive protection against unauthorized network access to avoid uncalculable risks. When using remote maintenance, VPN secures networks and data with encryption and authentication. Additionally, a firewall controls data exchange and blocks unauthorized traffic.



Easy and fast engineering ...
with seamless integration into TIA Portal.

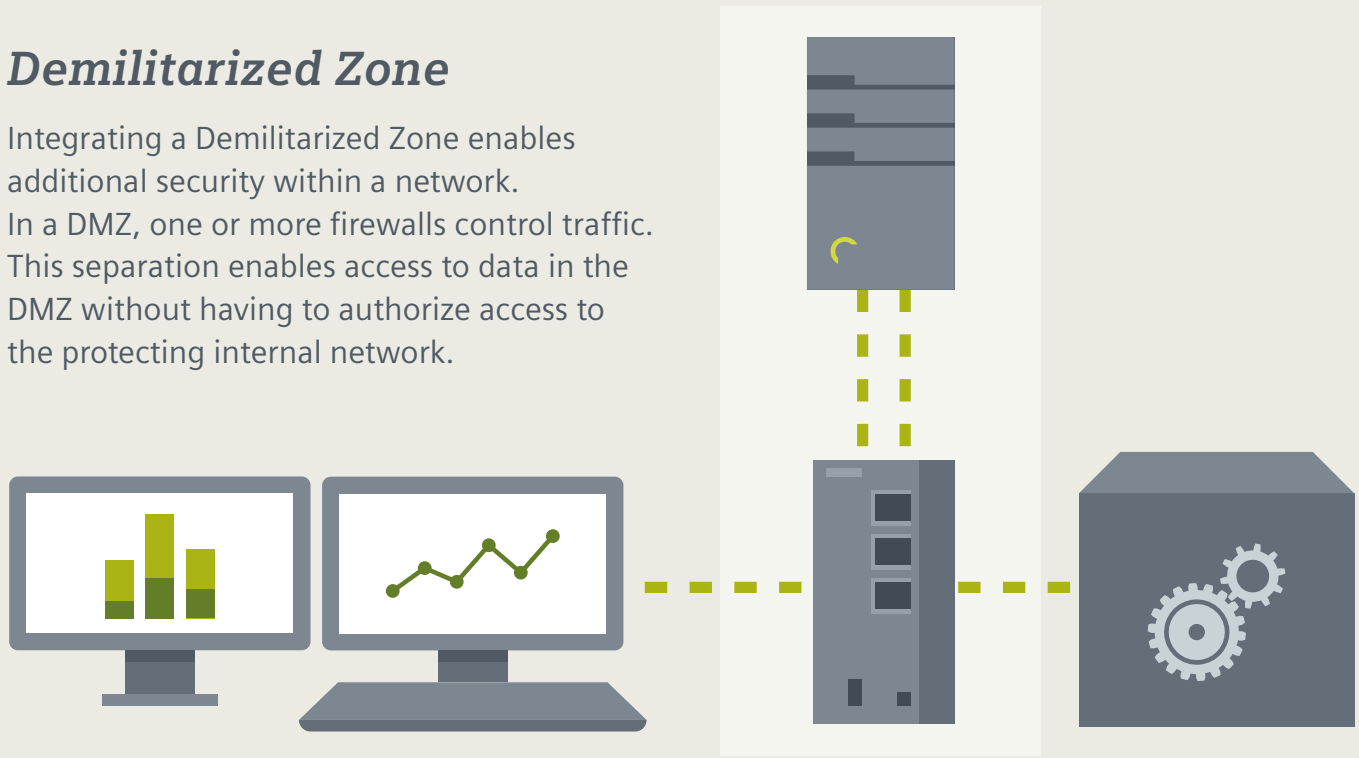


Segmentation

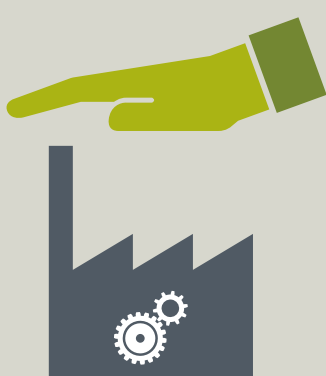
SCALANCE S modules protect industrial networks and automation systems against unauthorized access by safety related segmentation (cell protection).

Demilitarized Zone

Integrating a Demilitarized Zone enables additional security within a network. In a DMZ, one or more firewalls control traffic. This separation enables access to data in the DMZ without having to authorize access to the protecting internal network.



Your benefits:



Protection against manipulation



Protection of confidential data



Increase and maintenance of plant availability