

# AUTOMOTIVE MANUFACTURING

## SMART POWER ADAPTATION FOR INDUSTRIAL CONTROL PANELS



### CHALLENGE

A leading German automotive manufacturer needed to install a compact firewall in their factory's industrial control cabinets, which operated on 24V DC. The appliance required 12V input and DIN-rail mounting, but the space and power setup didn't align with off-the-shelf solutions.

### SOLUTION

Rackmount.IT delivered a tailored DIN kit with an integrated 24V-to-12V DC-DC converter and compact, industrial-grade mounting system. The solution ensured seamless integration into the cabinet's existing layout.

### RESULT

A fast, cost-efficient deployment with no need for cabinet modifications, enabling the plant to enhance network security without disrupting production or overhauling infrastructure.