

dainox[®]



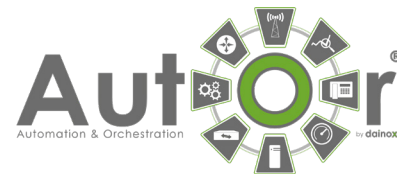
dainBox[®] SA

The dainBox® SA (standalone) is a compact, modular service platform designed to be flexibly tailored to customer requirements – a high-performance solution in a condensed design.

The dainBox® SA reliably provides a wide range of IT services – virtualized, encrypted, power-autonomous and climate-controlled. By combining the modules, multiple systems can be implemented using the same hardware. Nearly the entire IT service portfolio can be mapped in accordance with the requirements of NATO C3T, FMN and the national reference architecture.

With its compact size, fully enclosed chassis and certified ruggedness, it is the dependable companion for mission-critical scenarios in extreme conditions: whether for military operations or civilian crisis response.

The automation and orchestration of the dainBox® SA is based on the SDMN® strategy using our web-based software tool AutoOr®.



Next Generation Service Platform

- ✕ full ruggedized
- ✕ modular and compact design
- ✕ deployable and mobile
- ✕ water-resistant chassis (IP65 rated)
- ✕ operates from -32°C to +49°C (climate zones A1, B3, C1)
- ✕ flexible port configuration
- ✕ vibration- and shock-damped mounting of components
- ✕ NATO FMN PCN Spiral 3 and 4 validated (AV&V)

We are pleased to offer you a customized solution



Customized solution in three steps

Step 1 – Selection of services

	Climate (cooling and heating)
COI services COI enabling services Platform services Collaboration services Communication access service Open transport service	As a virtual machine: router, firewall, intrusion prevention system, session border controller, call manager, active directory, DNS, web server, e-mail, as well as various individual applications

Local transport service	Ethernet switch
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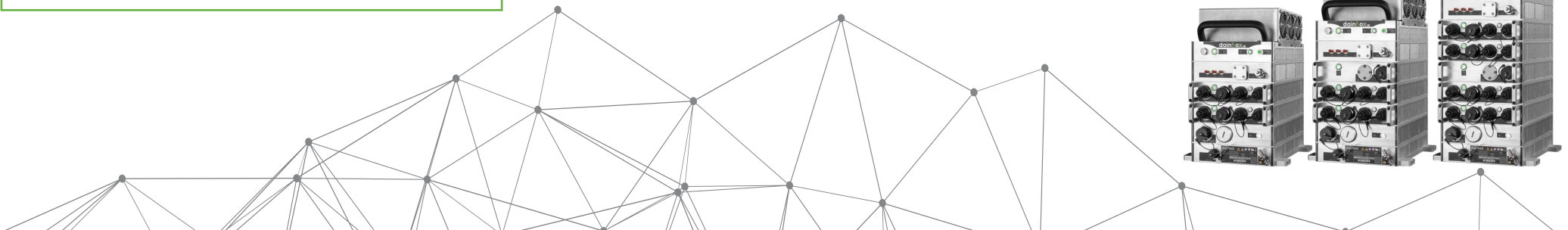
Crypto service	Certified encryption
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Power supply with buffering (UPS)

Step 2 – Configuration of associated modules

Temperature Control (mandatory)	Function Cooling Heating Signaling Climate zones	Heating & cooling, sensors, alarms 180 W 200 W Preheating, heating, normal, cooling, precooling, UPS operation, overtemperature shutdown A1, B3, C1
Computing	Function CPU RAM Storage	Provision of computing power Intel SoC min. 8 Cores up to 256 GB 1x SSD M.2
Switching	Function L2 Features Multicast Security Management	Interconnection of dainBox modules, Provision of interfaces, Storm control 802.1Q, 802.1ad, STP, RSTP, MSTP, LACP, EtherChannel, Port Mirror, CoS, TOS, DSCP IPv4 - IGMP Snooping v3, IPv6 - MLD Snooping v2 802.1x, AAA, ACL, DHCP Snooping, DAI, BPDU Guard IPv4/IPv6 Console, GUI, SNMPv3, SSH
Crypto (BSI Certified)	Function Security Classification	Network traffic encryption VS-NfD, NATO RESTRICTED (Operation of external crypto devices possible)
Power & Battery (mandatory)	Function Power supply voltage Input voltage Certification	Power supply, UPS 24 V 85 - 264 VAC @47 - 63 Hz, optional: 24 VDC Airportability UN38.3

Step 3 – Customizing and operation with AutOr®



www.dainox.net



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