DYNACON USS class devices
DNC 6041 Series

The DNC 6041 Series was created to transform network communications, strengthen cybersecurity and redefine the performance of active network devices.

USS – Unified Security Servers – DYNACON switches. Built to transform your network into a hybrid, complementary communications system with full protection and monitoring.
The 6041 platform is part of the 6000 family.

The most important features of the platform

High performance based on fast x86 Intel processors, large RAM memory installed by default - 8 GB and efficient Intel controllers allow for flexible and stable network operation.

Bypass ports allow communication to be maintained even when the power is turned off.

Firewall operating at layers 7, 4, 3 and 2, allowing for the extension of industrial security to non-IP-based traffic.

Dynacon IDCS-AIN, a modern enterprise operating system with support for programmability, application hosting, telemetry. The system is equipped with a full range of switch, router, ZBFW, IPS/IDS, monitoring and security configuration options, bringing a new quality to enterprises.

Equipping the platform with the extraction, inspection and monitoring subsystem ARTEMIS ensures that there is no need for additional monitoring devices. The 6041 platform simultaneously works as active network devices and at the same time ensures network security and monitoring. Integration with XDR, EDR, IDS, SIEM, SOAR class master systems brings the platform to a higher level of flexibility and network security architecture.

The built-in rule mechanism Traceability class, allows for an innovative way to monitor virtually every parameter sent over the network and activate an alarm when the minimum and maximum values are exceeded. The traceability system coupled with a profiler provides an efficient tool for monitoring anomalies and distortions in the parameters of your OT and IT environment. Support for MPLS allows the platform to be used in high-performance solutions both inside and outside the infrastructure.

Benefits

1 Automating data flow monitoring and anomaly control on Dynacon switches saves time and significantly accelerates the implementation of cybersecurity solutions, saving money and reducing the impact on infrastructure.

2 Detailed visibility based on a deep analytics ARTEMIS profiler allows for quick implementation of change management.

3 The system equipped with API and SDN tools enables management in an automated, distributed model, reducing administrators' work time to the necessary minimum. Implementation scenarios based on end-to-end communication techniques allow you to focus on important administrative and security tasks, delegating the configuration of individual devices to the central system.

4 Aggregating correlator and preprocessor functions in one device allows for minimizing potential points of failure.

5 Local analytics and data storage allows for a significant reduction in the amount of monitored data transferred to central systems. Local space for data storage with a maximum capacity of 2 TB.

6 Basic license covering all USS functionalities, including the profiler with traceability module and the IDS system. Basic license covering all USS functionalities, including the ARTEMIS profiler with traceability module and the IDS system. It is possible to purchase additional warranty periods for the equipment.

> The platform is fully compatible with SDN - Software Defined Network tools, which can relieve OT and IT services from a number of configuration activities and allow staff to build communication and security levels more effectively.

Parameter	Value
RAM	8 GB
Storage	to 2 TB
RJ45 ports	5 - 1000/100/10
SFP ports	2 1 Gb/s
Installation	DIN rail
Power supply	Double 20 to 54 V
Magnetic isolation	1.5 KV
Serial ports	2 x RS232
Serial port isolation	YES - 15 KV ESD
Working temperature	from -40°C to +70°C
EMC certifications	CE, FCC Class A
Safety certifications	CB, UL, C1D2
Other certifications	IEC 61850-3, IEEE 1613

NBD - Next Business Day

ARIC NDS 6041	Order number
• 12 mths NBD extended warranty • 24 mths standard warranty • 12 mths Software Assurance and Security Pack • 8 GB RAM, 2 TB Storage	DNC6041-2T-A0B0C0D0-2F-5E
12 mths warranty NBD 7x24	DNC6041-HG-NBD-1Y
Software assurance 12 mths	DNC6041-SA-ONL-1Y
Security Pack 12 mths	DNC6041-SP-ONL-1Y

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