



# CIS

## COMMUNICATION INTEGRATION SYSTEM

A borderless communication play an important role in an operation that require fast and stable information exchange from multiple communication medium. The Communication Integration System (CIS) is a network interoperability system, which allows multi communication platforms to seamlessly connect under a single platform.



## Key Features



Radio used remotely to avoid base location to be compromised.



Communication activities can be controlled from the Command Centre.



Act as integration point between 2 different type of radio with different communication channel (Analog, IP radio, and other network).



Command library can be added for future types of radio control.



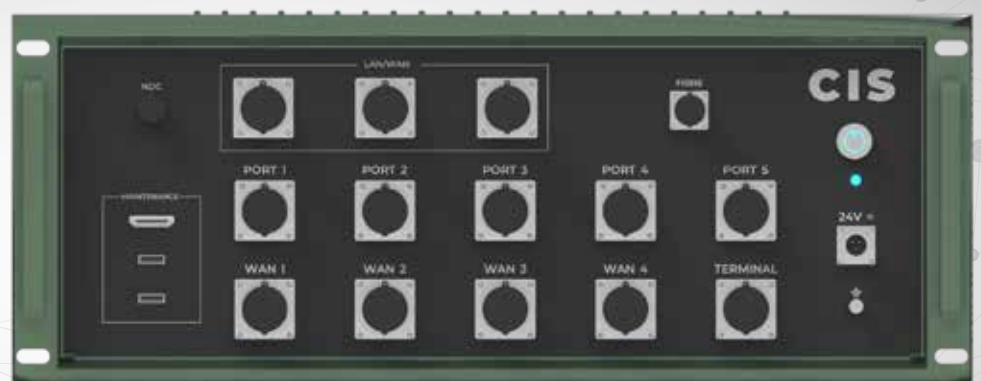
Deployed RAN allow seamless connection between Command Centre in range with other base as long there is network based communication (Eg: land line, microwave, radio modem).



# Technical Specification

Port Connections	
WAN port Fibre	LAN port Radio port
Subscribes	
15 x Legacy Telephones 100 x VoIP Telephones	
Protocols	
SIP RIPv2 and RIPng OSPFv2 and OSPFv3 BGP PIM-SM PIM-SSM RTP NTP	Q.931/QSIG STANAG 4206 STANAG 4578 ED.1 CPX Trunk Group
Services	
IPv4 and IPv6 Call Handling SIP Telephones	DHCP Server/Client NTP Server Remote Management From CMS
Interfaces	
Ethernet: ITU-T:	10/100BASE-T/TX V.11 256, 512, 1024, 2048, 4096, 8192, 8448 kbit/s
ITU-T:	G.703 256, 512, 1024, 1544, 2048, 4096, 8192, 8448 kbit/s
EUROCOM D/1:	256, 512, 1024, 1544, 2048, 4096, 8192, 8448 kbit/s
STANAG 4206: STANAG 4578 Ed.1: Fibre:	256, 512 kbit/s 2048 kbit/s 1 Gbit/s

Dimension	
Height	177 mm
Width	483 mm
Depth	350 mm
Weight	19 kg
Power Supply	
Input Voltage	19-32 VDC
Power Consumption	100 W
Environmental	
Operating Temperature Environment	-40°C to +55°C MIL-STD 810
EMC:	MIL-STD 461





## About Mindmatics

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Mindmatics Sdn. Bhd. specializes in providing comprehensive range of solutions in IT, computing and electronics. The strength of Mindmatics lies in the seamless synergy of solid technology-based design team with experienced R&D engineers. A host of homegrown innovations to fit the modern 'Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance and Targeting (C4ISR) needs with almost 20 years of experience in the industry, boasting our original, localized and tailored solutions, we strive to meet all defined requirements and beyond.

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