

# TACLANE® Family of Network Encryptors

*The World's Most Widely Deployed INEs*

Attempts to disable and disrupt our national security and critical infrastructure systems through insider and external cyber attacks continue to grow exponentially each year. For decades, TACLANE – the most widely deployed family of network encryptors in the world – has been protecting information and networks against persistent threats and defending our assets in cyber, land, air, sea and space domains. TACLANE provides certified encryption at the highest level and continues to enhance security services as these threats advance.

From the network core to the tactical edge, TACLANE encryptors are field proven, reliable and easy to use. Administrators can easily manage a network of TACLANE encryptors remotely with GEM X™ Encryptor Management Software. This capability not only saves significant time and money, but also decreases personnel risks associated with having to be physically present to manage and configure the devices in forward deployed locations.

## Additional Security Services

To give customers flexibility and greater control over their networks and network devices, TACLANE encryptors are designed to accept optional software to expand the security and networking features of the device. These optional features include:

- **Agile VLAN:** adds layer 2/Non-IP Ethernet capability to enable simultaneous HAIPE and Layer 2 on a per packet basis without any infrastructure changes
- **TACLANE Trusted Sensor Software (TTS):** adds cyber sensing and IDS/IPS capability via Deep Packet Inspection (DPI) to enable packet header and content filtering for malicious data, and issues Type 1 encrypted alerts

## Investment Protection

General Dynamics provides superior customer service and support with our 24/7 Technical Help Desk. Our training courses range from encryptor installation, configuration and maintenance to learning how to identify and mitigate network intrusions. We also offer standard five year hardware and software product warranty, optional maintenance extensions and trade-in programs to allow customers to protect their investment.



### TACLANE-Micro (KG-175D)

Ideal for both tactical and strategic environments, Micro is high-speed (200 Mb/s aggregate), compact, and foreign interoperable



### TACLANE-C100

Suite B Secret and below Cryptographic High Value Product (CHVP) encryptor, C100 increases interoperability between warfighters, coalition partners and allies, federal and civilian agencies, critical infrastructure and regulated industries



### TACLANE-1G (KG-175G)

Rugged and SWaP optimized, 1G is the first cyber sensor-capable HAIPE and provides 2 Gb/s aggregate throughput



### TACLANE-10G (KG-175X)

High speed enterprise security solution for high-bandwidth applications providing 20 Gb/s aggregate throughput at line rate

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Feature	TACLANE-Micro KG-175D	TACLANE-C100	TACLANE-1G (KG-175G)	TACLANE-10G (KG-175X)
Aggregate Throughput (IP)	200 Mb/s	200 Mb/s	2 Gb/s	20 Gb/s
Classification	TS/SCI and Below	Secret and Below	TS/SCI and Below	TS/SCI and Below
Size	1.61"H x 5.5"W x 10.85"D	1.61"H x 5.5"W x 10.85"D	1.71"H x 8.6"W x 12.5"D	3.5"H x 19"W x 23"D
Rackmount Across	3	3	2	1
Weight	4.25 lbs	4.25 lbs	<8lbs	<32 lbs
Power Consumption	25W	<22 W	40W	210W Typical
Ruggedized	✓	✓	✓	-
Interfaces	Fiber/Copper	Fiber/ Copper	Fiber/Copper	Fiber/Copper
Handling	CCI	CHVP/Non-CCI	CCI	CCI
Suite Agility	SuiteA/B	Suite B	Suite A/B	Suite A/B
Protocol Agility	HAIPE4.1/ IPMEIR 1.0	HAIPE4.1/ IPMEIR 1.0	HAIPE4.1/ IPMEIR 1.0	HAIPE4.1/ IPMEIR 1.0
Agile VLAN Capable	✓	-	✓	✓
Cyber Sensing Capable	-	-	✓	✓ (expected availability 2016)
OTNK/CDGSK	2016	2017	2017	2017
Unique Feature	Most Widely Deployed HAIPE; 100,000 Delivered	Simplified Handling; Expanded Use Cases	Smallest Certified 1Gig INE; Expanded Feature Set	Line Rate Throughput; Expanded Feature Set

## GENERAL DYNAMICS

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