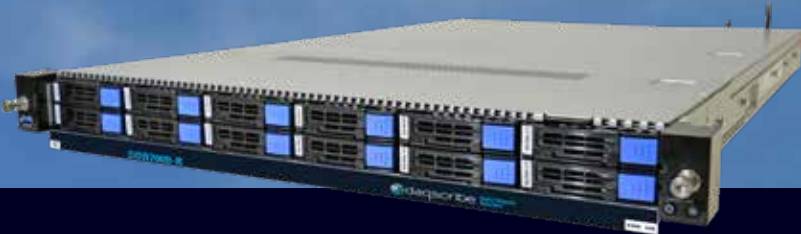


# Spectrum Research & Operations

\*IEEE 1588 PTP and SyncE enabled



 **daqscribe**  
ETHERNET PACKET CAPTURE • RECORD • PLAYBACK

# Background

## Signals & Electronic Warfare



### Electromagnetic sensing and analytics

- ✓ Wide-band digital receivers
- ✓ Radio frequency system-on-a-chip
- ✓ Digital signal processing

Daqscribe Ethernet record and playback products are critical to a Defense Force's signals and EW systems development and subsequent deployment objectives.

Today's wideband digital receivers and RFSoc technologies enable defense systems integrators to offer advanced signals and EW products to major defense forces.

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Today's wideband digital receivers and RFSoc technologies enable defense systems integrators to offer advanced signals and EW products to major defense forces.

## Supply your own radio



## Select your Daqscribe recorder

Precision timing  
with IEEE 1588 PTP  
and SyncE options

**Rackmount  
DDR7000-R1 series**  
(up to 180TB storage)



**DDR70c-Mini series**  
(up to 120TB storage)



100GbE-link

40GbE-link

25GbE-link

10GbE-link

# Daqscribe full line of recorders

model name	product name	link speed / number of ports supported				
		storage capacity	100GbE	40GbE	25GbE	10GbE
DDR7000-R1/R4-100G	Rackmount 100Gbps Ethernet recorder	25TB, 50TB, 120TB, 180TB	2			
DDR7000-R1/R4-100G-2	Rackmount 160Gbps Ethernet recorder	25TB, 50TB, 120TB, 180TB	2			
DDR7000-R1/R4-40G-2	Rackmount 80Gbps Ethernet recorder	12TB, 25TB, 50TB, 120TB, 180TB		2		
DDR7000-R1/R4-40G-4	Rackmount 160Gbps Ethernet recorder	25TB, 50TB, 120TB, 180TB		4		
DDR7000-R1/R4-25G-4	Rackmount 100Gbps Ethernet recorder	25TB, 50TB, 120TB, 180TB			4	
DDR7000-R4-25G-6	Rackmount 150Gbps Ethernet recorder	38TB, 76TB, 153TB, 180TB			6	
DDR7000-R4-10G-8	Rackmount 80Gbps Ethernet recorder	25TB, 50TB, 120TB, 180TB				8
DDR7000-R4-10G-16	Rackmount 160Gbps Ethernet recorder	25TB, 50TB, 120TB, 180TB				16
DDR7000-R4-PB	Petabyte storage 100Gbps Ethernet recorder	1.7PB	2			
RDR7000-R-100G	Rugged rackmount 100Gbps Ethernet recorder	25TB, 50TB, 120TB, 180TB	2			
RDR7000-R-40G-2	Rugged rackmount 80Gbps Ethernet recorder	12TB, 25TB, 50TB, 120TB, 180TB		2		
RDR7000-R-40G-4	Rugged rackmount 160Gbps Ethernet recorder	25TB, 50TB, 120TB, 180TB		4		
RDR7000-R-25G-4	Rugged rackmount 100Gbps Ethernet recorder	25TB, 50TB, 120TB, 180TB			4	
RDR7000-R-25G-6	Rugged rackmount 150Gbps Ethernet recorder	38TB, 76TB, 153TB, 180TB			6	
RDR7000-R-10G-8	Rugged rackmount 80Gbps Ethernet recorder	25TB, 50TB, 120TB, 180TB				8
RDR7000-R-10G-16	Rugged rackmount 160Gbps Ethernet recorder	25TB, 50TB, 120TB, 180TB				16
DDR70c-Mini-40G	Mini 40Gbps Ethernet recorder	12TB, 25TB, 60TB, 90TB		1		
DDR70c-Mini-25G-2	Mini 50Gbps Ethernet recorder	12TB, 25TB, 60TB, 90TB			2	
DDR70c-Mini-25G-4	Mini 100Gbps Ethernet recorder	25TB, 60TB, 90TB, 120TB	1		4	
DDR70c-Mini-10G-4	Mini 40Gbps Ethernet recorder	12TB, 25TB, 60TB				4
DDR70-Mini-10G-2	Mini 20Gbps Ethernet recorder	3TB, 6TB, 12TB, 15TB, 25TB, 30TB				2
RDR70-Mini-40G	Rugged mini 40Gbps Ethernet recorder	6TB, 12TB, 25TB, 60TB		1		
RDR70-Mini-25G-2	Rugged mini 50Gbps Ethernet recorder	12TB, 25TB, 60TB			2	
RDR70-Mini-10G-4	Rugged mini 40Gbps Ethernet recorder	6TB, 12TB, 25TB, 60TB				4
RDR70-Mini-10G-2	Rugged mini 20Gbps Ethernet recorder	3TB, 6TB, 12TB, 15TB, 25TB, 30TB				2

## netSUITE™ and netENGINE™ IP

Our Ethernet packet recording successes start with the careful selection of hardware for integration into our products.

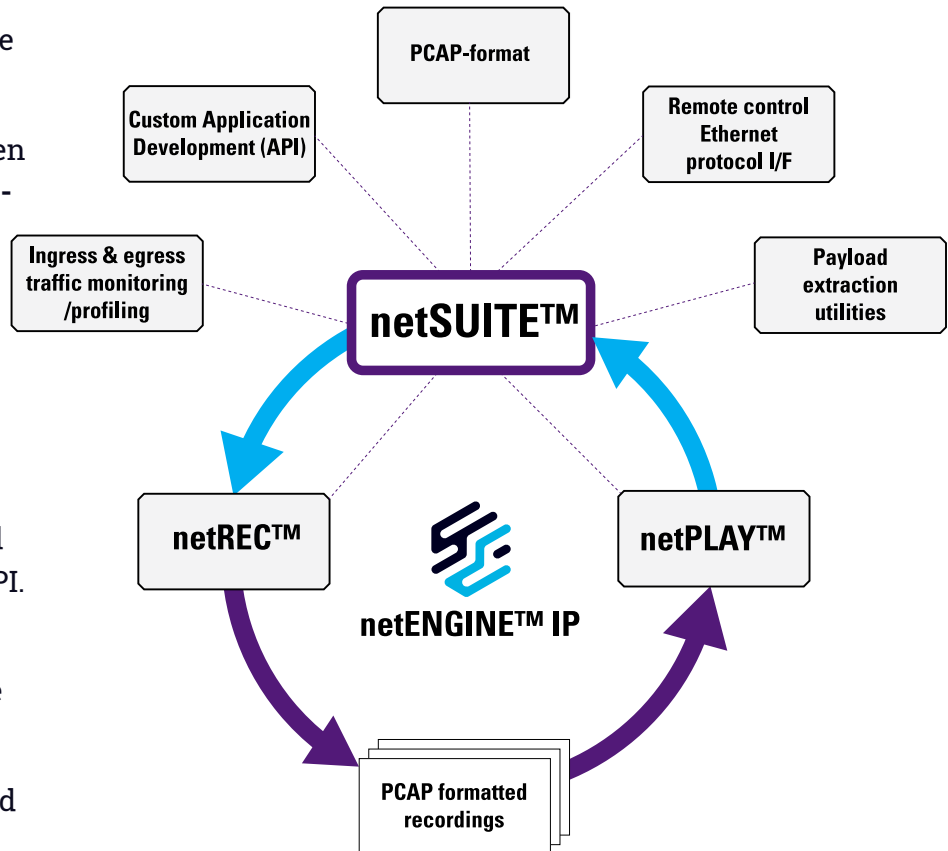
The end-to-end network data paths are then driven by our specially developed **network-engine IP**.

The result is a well-tuned Ethernet record and playback instrument, whose system functions are directed by one of our powerful software modules within **netSUITE™**.

Operation workflows are easy to setup and manage from either your desktop or via API.

**netREC™** and **netPLAY™** feature clear and concise GUIs, for consideration of both the advanced and novice users.

Your data can be found within our standard Linux file system, in **PCAP-format**, and on enterprise-grade solid-state storage.



## DSP & analysis software flexibility



DEEPSIG



PROCITEC®



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