



TCS' Impact™ TSR is a 1RU Cisco based router, switching and computing appliance. The TSR is a form, fit and function replacement for end of life (EoL) Cisco 2811 Integrated Services Router (ISR). The TSR is powered by the Cisco 5915 Embedded Services Router (ESR) and the Cisco ESS 2020 switch.

Additional options allow the TSR to provide the functionality of dedicated stand-alone servers and network appliances. The TSR server is capable of hosting Virtual Machine (VM) appliances or running native dedicated Operating Systems. The TSR integrated server capability allows for the reduction in additional investment, training, maintenance and physical footprint of those devices.

The TSR components are engineered for high reliability in both fixed and harsh environments.

Feature Sets

Unified Communications

- Cisco Unified Communications Express
- Supports up to 48 devices

WAN Optimization and Acceleration

- Cisco Wide Area Application Services (WAAS Express)
- IP Multiplexing

Radio Aware Routing

- DLEP
- RFC5578
- R2CP

Security

- Embedded Hardware-Accelerated VPN encryption
- IOS based Firewall
- Intrusion Prevention System (IPS)
- IOS Based Content Filtering
- FIPS 140-2 Certified AES Encryption
- Suite B

Key Features

- Power Over Ethernet (PoE) on all LAN/WAN ports
- Multiple configurations available
- High environmentals / MIL-STD810G compliant
- Compact, light weight form factor, only 13.5 inches deep

TCS Impact™ TSR



Your Established Partner

TCS brings proven, technology problem-solving expertise to its professional service offerings for the public sector. From continuity of operations and information assurance, to cyber security and integrated logistics support, TCS solves the toughest technical challenges, under conditions that demand the highest level of reliability, availability, and security. As an ISO 9000-certified provider with many employees holding active security clearances, TCS has an established track record over the past 25 years as a trusted partner providing deployable communications and field support to the Department of Defense, Special Operations, Department of Homeland Security, Department of State, and intelligence communities.

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Description	TSR	Cisco 2811
Technology Base		
Router	5915	2811
Switch	Cisco ESS 2020	NME - 16
Physical		
Rackmount	Yes	Yes
Dimensions	1.72 x 17.5 x 13.5 in.	1.72 x 17.5 x 16.5 in.
Weight	<10 lbs	13.7 lbs
Power		
AC Input Voltage	100 to 240 VAC	
Temperature		
Operational	-20° to 149°F (-28° to 65°C)	32° to 104°F (0° to 40°C)
Storage	-20° to 185°F (-28° to 85°C)	-4° to 149°F (-20° to 65°C)
Networking		
LAN Ports	25 (All PoE)	16
WAN Ports	2	2
Fiber	Yes	No
GigE	Yes	No
Interface Options		
E&M	Yes	Yes
FXS	Yes	Yes
Serial	Yes	Yes
Server		
CPU	Up to Intel i7, Quad Core	
Memory	Up to 16 GB	
Hard Drive	Up to 1 TB (Removable)	

The DoS has determined that the TSR is not subject to jurisdiction for ITAR compliance. ECCN 5A002.A.1

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