DIGI CONNECT IT 4

Out-of-band management of network and server equipment

Digi Connect® IT 4 remote console access server ensures continuous network uptime to all your remote locations by functioning as an always-on cellular out-of-band (OOB) gateway for branch offices, retail stores, kiosks and other sites, even when the primary network is down. You can maximize WAN resilience with failover to 4G LTE networks, while built-in multicarrier capabilities lets you instantly switch to the carrier of choice.

For enterprises that need serial access for remote equipment monitoring, Digi Connect IT 4 offers the most complete and secure cellular-based solution in the industry. Digi Connect IT 4 allows identification and remediation of issues at the network edge before they can become a work order or fail.

Digi TrustFence®, a suite of hardware and firmware security features, ensures the integrity of Digi Connect IT 4 safeguards. Pair Digi Connect IT 4 with a dedicated wire line connection to ensure dual ISP connectivity, maximum uptime and complete business continuity for organizations that demand uninterrupted network access and availability.

Gain critical insights into your deployed devices and manage your network with **Digi Remote Manager**® — the command center for your deployment. Digi Remote Manager (Digi RM) is a cloud-based solution that facilitates easy setup, mass configuration, maintenance and support for hundreds or even thousands of remote Digi devices. Digi RM lets you evaluate, update and configure your Digi enterprise products — and the health of your network — at scale after deployment.
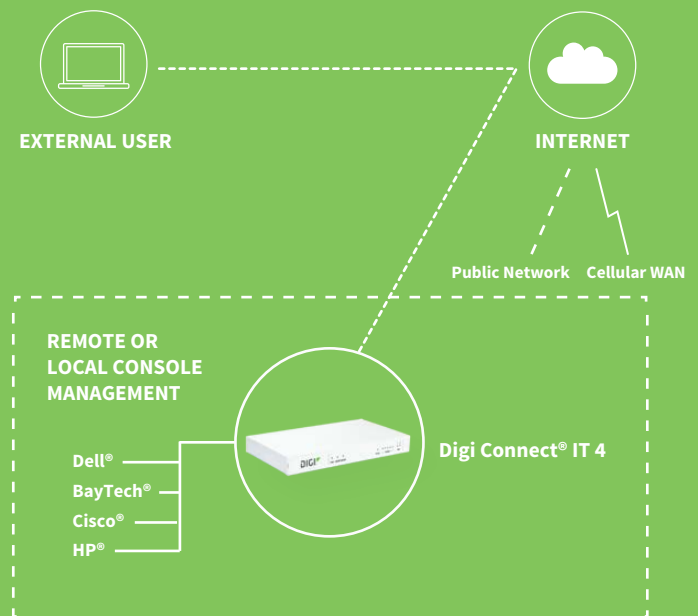
FEATURES AND BENEFITS

- Advanced modem management software
- OOB management and recovery using secure SMS
- Add instant business continuity to any location with primary or backup LTE connectivity
- Protect your business and brand with a simple solution to avoid network disruptions and outages
- Modular cellular support allows "right-sizing" cellular speeds and costs
- Operates independently from in-band network
- **Digi Remote Manager** platform for easy setup, mass configuration and management

APPLICATION EXAMPLE
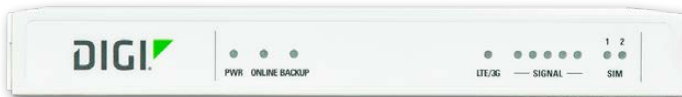
EXTERNAL USER

INTERNET

Public Network   Cellular WAN

REMOTE OR LOCAL CONSOLE MANAGEMENT

Dell®
BayTech®
Cisco®
HP®

Digi Connect® IT 4

RELATED PRODUCTS

Digi CORE® LTE modem

Digi ConnectPort® TS

Digi 6310-DX

Digi AnywhereUSB®

Digi Remote Manager

SPECIFICATIONS	DIGI CONNECT® IT 4
CELLULAR	Cat 6, Cat 4 EMEA, Cat 4 North America
MODULE SUPPORT	A suite of Digi CORE® LTE modems
SOFTWARE AND MANAGEMENT	
REMOTE MANAGEMENT	Digi Remote Manager® (cloud based)
LOCAL MANAGEMENT	WebUI (HTTP/HTTPS); CLI (Console, SSH)
NETWORK	
ETHERNET	(2) RJ-45; 10/100 Mbps (auto-sensing)
CONNECTORS	
SERIAL	(4) Serial ports RJ-45 RS-232
PHYSICAL	
DIMENSIONS (L x W x H)	228 mm x 127 mm x 25 mm (9.0 in x 5.0 in x 1.0 in)
WEIGHT	0.73 kg (26 oz)
STATUS LEDS	Power, online, LTE status, (5) signal strength and (2) SIM selection
POWER REQUIREMENTS	
POWER INPUT	18 V DC, .66 A; 100-240 AC
ENVIRONMENTAL	
OPERATING TEMPERATURE	0° C to 40° C (32° F to 104° F)
RELATIVE HUMIDITY	5% to 95% (non-condensing)
APPROVALS	
SAFETY	IEC62368-1, EN60950
EMISSIONS/IMMUNITY	FCC Part 15, Subpart B, Class A; CE, RCM; CAN ICES03(B)/NMB-3(B)
WARRANTY	
PRODUCT WARRANTY	3-year

PRODUCT IMAGES

DIGI CONNECT® IT 4 FRONT

DIGI CONNECT® IT 4 BACK

DIGI.COM

DIGI.

ENTERPRISE SOFTWARE	DESCRIPTION
PROTOCOL SUPPORT	HTTP, HTTPS, FTP, SFTP, SSL, SNMP v3, SSH and CLI for web management; remote management via Digi Remote Manager; SMS management
SECURITY/VPN	IP filtering, stateful inspection firewall with scripting, address and port translation; VPN: IPSec with IKEv1, IKEv2, NAT Traversal; SSL, SSLv2, SSLv3, FIPS 197; PPTP, L2TP; no limit VPN tunnels; Cryptology: SHA-1, SHA-2, MD5, RSA; Encryption: DES, 3DES and AES up to 256-bit (CBC mode for IPSec); Authentication: RADIUS, TACACS+, MAC address filtering; VLAN support
ROUTING/FAILOVER	IP pass-through; NAT, NAPT with IP port forwarding; Ethernet bridging; GRE; Multicast routing; Routing protocols: PPP, OSPF, BGP, RSTP (Rapid Spanning Tree Protocol); IP failover: VRRP, automatic failover/failback to secondary connection
OTHER PROTOCOLS	QoS via TOS/DSCP/WRED; UDP/TCP to serial

DIGI REMOTE MANAGER®

Digi Remote Manager is the technology platform that brings networks to the next level, allowing networks — and the people who manage them — to work smarter. With Digi Remote Manager you can transform a multitude of dispersed IoT devices into a dynamic, intelligent network. Now you can easily deploy, monitor and diagnose thousands of mission-critical devices from a single point of command — on your desktop, tablet or phone. All the while, its software-defined security diligently safeguards your entire Digi ecosystem.

Learn more at www.digi.com/digi-remote-manager

CAPABILITIES

– Activate, monitor and diagnose your mission-critical devices from a single point of command and control — on your desktop or mobile app

– Schedule key operations — including firmware updates and file management — on a single device or on a group of devices, keeping your network functionality up-to-date and maintaining compliance standards

– Manage edge devices out-of-band via console terminal access

– Keep tabs on device health and connectvity across device deployments of any size

– Create detailed reports and enable real-time alerts for specified conditions

– Integrate device data through open APIs to gain deeper insights and control with third-party applications

– Report and alert on performance statistics, including connection history, signal quality, latency, data usage and packet loss

INFRASTRUCTURE

– Hosted in a commercial-grade cloud server environment that meets SOC 1®, SOC 2® and SOC 3® standards

– Superior availability, operating to 99.9% or greater

– Open APIs available to support application development

SECURITY

– More than 175 security controls in place to protect your data

– Member of the Center for Internet Security® (CIS®)

– Enables compliance with security frameworks like ISO27002, HIPAA, NIST and more

– Earned Skyhigh's CloudTrust™ Program highest rating of Enterprise-Ready

PART NUMBERS	DIGI CONNECT® IT 4
ASB-5402-RM00-GLB	Digi Connect IT 4 remote console access server, no cellular module, all regions
ASB-5402-RM04-OUS	Digi Connect IT 4 remote console access server; Cat 4, US only; Cellular certifications: AT&T, Verizon, T-Mobile, PTCRB
ASB-5402-RME4-GLB	Digi Connect IT 4 remote console access server; Cat 4 / HSPA+, EMEA
ASB-5402-RM06-GLB	Digi Connect IT 4 remote console access server; Cat 6 global
ASB-5402-RM16-GLB	Digi Connect IT 4 remote console access server; Cat 6 AU, NZ, JP, KR, BR (ANATEL)

ACCESSORIES	FOR USE WITH ALL DIGI CONNECT IT, DIGI CM™ AND DIGI PASSPORT® MODELS
Serial cable adapters (for Digi Passport, Digi CM, Digi Connect IT)	
170012	(1) Cellular antenna (black) for use with Digi products that have LTE modems
76000670	Digi DB-25 male modem adapter (8-pack)
76000671	Digi DB-9 female console adapter (8-pack)
76000672	Digi DB-25 male console adapter (8-pack)
76000673	Digi DB-25 female console adapter (8-pack)
76000702	Digi DB-9 male modem adapter (8-pack)

PART NUMBERS	DIGI CORE® LTE MODEMS
For use with all Digi Connect IT 4 models purchased without a module (RM00 versions)	
ASB-1002-CM03-GLB	Digi CORE 1002-CM LTE modem; Cat 3; LTE / HSPA+ / EV-DO; Cellular certifications: Verizon, AT&T, Sprint, T-Mobile, PTCRB
ASB-1002-CM04-OUS	Digi CORE 1002-CM LTE modem; Cat 4; LTE / HSPA+; Cellular certifications: Verizon, AT&T, T-Mobile, PTCRB
ASB-1002-CM06-GLB	Digi CORE 1002-CM LTE modem; Cat 6; LTE-A / HSPA+; Cellular certifications: Verizon, AT&T, Sprint, T-Mobile, PTCRB
ASB-1002-CM16-GLB	Digi CORE 1002-CM LTE modem; Cat 6; LTE-A / HSPA+; Cellular certifications: Australia / New Zealand

PART NUMBERS	DIGI REMOTE MANAGER®
DIGI-RM-STD-1YR	Digi Remote Manager Standard - 1-year subscription
DIGI-RM-PRM-1YR	Digi Remote Manager Premier - 1-year subscription
DIGI-RM-PRM-3YR	Digi Remote Manager Premier - 3-year subscription
DIGI-RM-PRM-5YR	Digi Remote Manager Premier - 5-year subscription

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