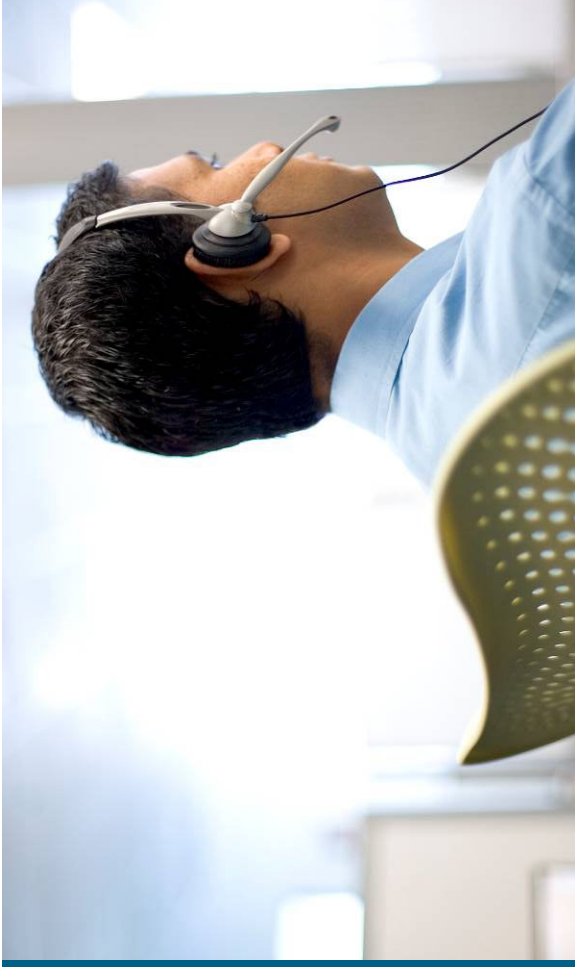




Cisco 3G Wireless WAN
Solutions on Integrated
Services Routers...
...ili kako koristiti Internet
ako imate samo električni
kabel



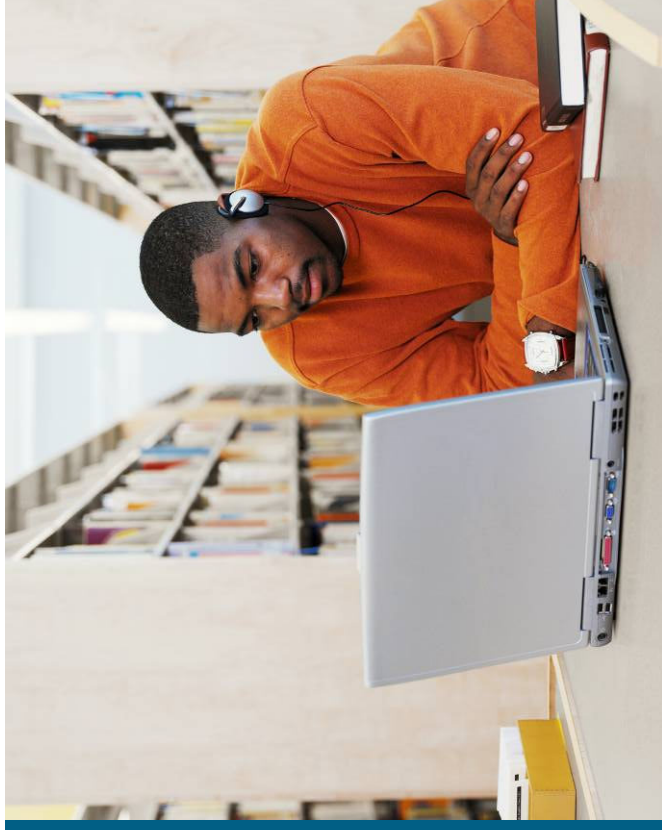
Luka Markota
Systems Engineer
20. Ožujak 2008



Agenda

- Cisco 2G/3G Wireless WAN Rješenja
 - Primjene
 - Benefiti
 - Pogled izbliza
 - Funkcionalnosti
 - Performanse
- Live Demo
- Zaključak

Cisco 2G/3G Wireless WAN rješenja



Cisco 3G Wireless WAN HWIC



- Enterprise-class 3G wireless WAN
- Offers broadband data rates
- Supports GPRS, EDGE and HSDPA
- Supported on Cisco Integrated Services Routers
 - Cisco 1841 and Cisco 2800 and 3800 Series
- Supported on multiple carrier networks
- Multiple remote antenna solutions

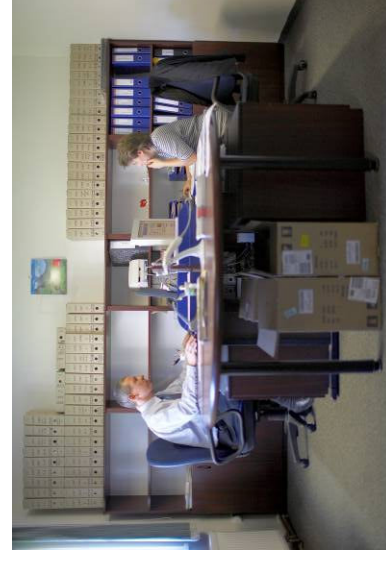


Cost-Effective Alternative to ISDN Dial Backup

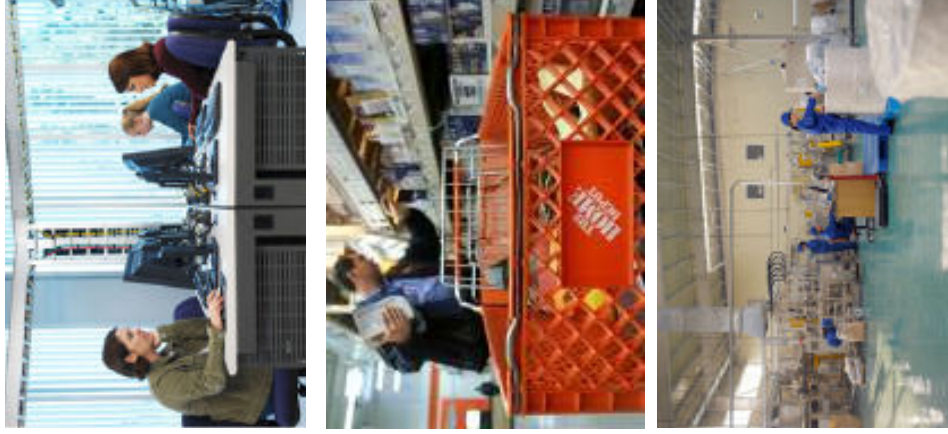
Enhanced Business Continuity for Critical Applications

Tipične primjene

- Reliable, resilient WAN backup for
Network outages
Disaster recovery
- Rapid deployment
Instant branch connectivity for temporary or new sites
Temporary connectivity for nomadic sites
- Portable deployments
Kiosks, construction trailers, and mobile banks
- “Primary data” connection
Store-in-store, smaller retail stores, ATM connectivity,
gas stations, and broadband access alternative



Benefiti Cisco 3G Wireless WAN rješenja



- Primary or backup WAN link
- High availability—True multipath backup
- Broadband speeds—Superior alternative to ISDN backup
- Rapid deployment—No wires to install; simplified installation
- Portability—Ability to quickly connect new and temporary sites
- Operational efficiency—Take advantage of existing IT resources; single device to manage and maintain
- Cost-effective—Affordable usage-based data plans

**Enterprise Class
Broadband Wireless WAN for Integrated
Services Routers**

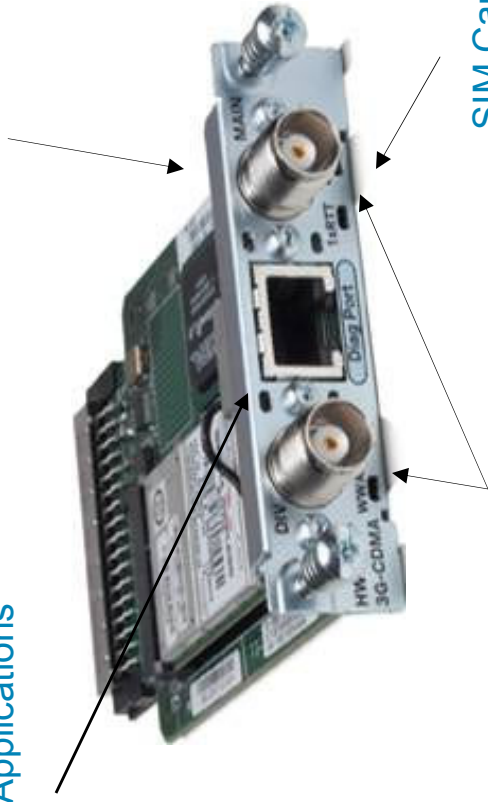
Pogled Izbliza

Diagnostics and Monitoring Port for Industry-Standard Management Applications

Antenna Connectors Support Multiple Remote Antenna Options



Cisco 1841 with 3G HWIC



LED Indication for HWIC Status RSSI, and Service Connectivity Allowing Visual Troubleshooting

SIM Card Holder on Underside of HWIC (GSM)

CDMA and GSM Cards Available



HWIC-3G-CDMAX

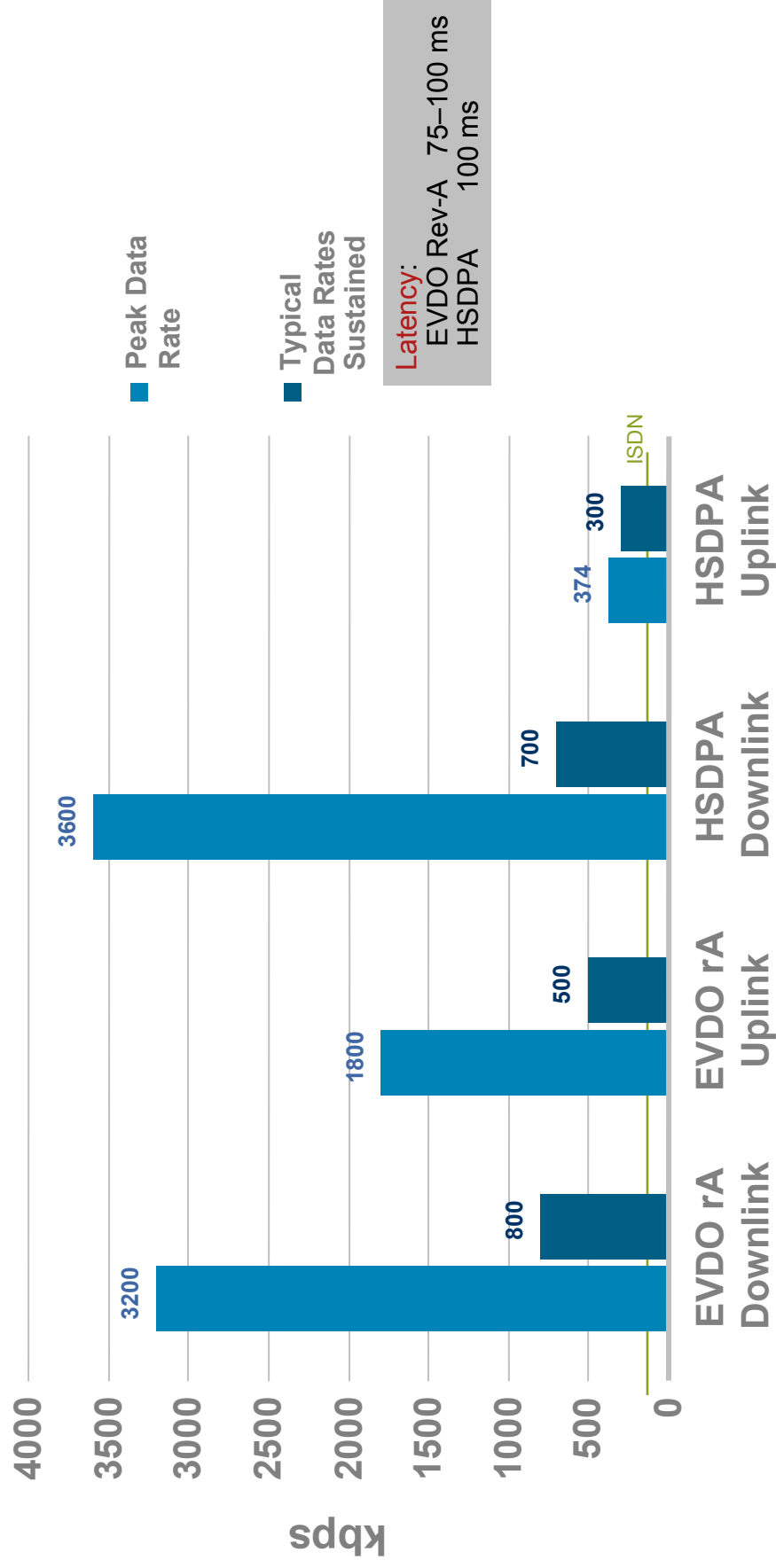


HWIC-3G-GSM

Funkcionalnosti

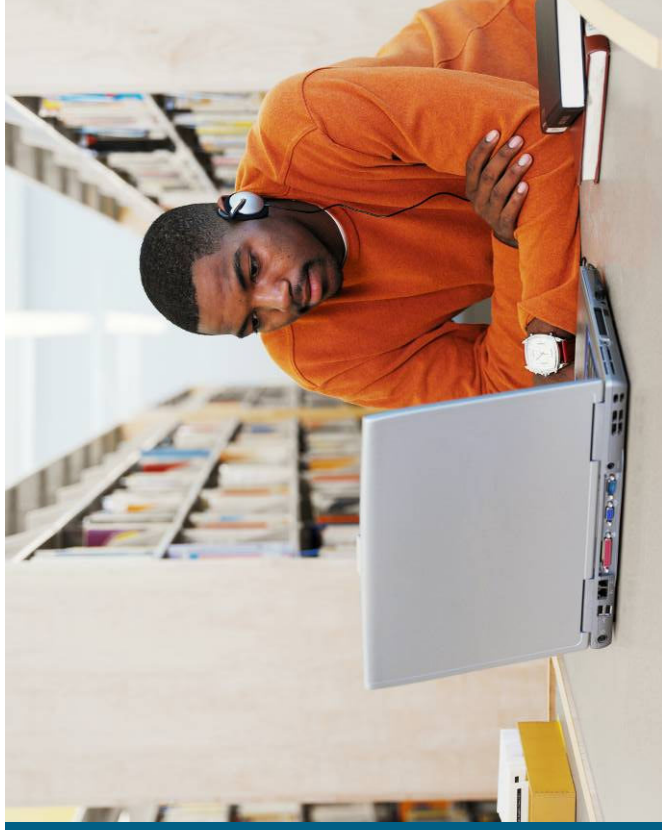
	Part No. HWIC-3G-GSM	Part No. HWIC-3G-CDMA
3G wireless	<p>Supports GPRS/EDGE, UMTS, and HSDPA</p> <p>Automatic best network and service selection</p> <p>Quad band GPRS + All UMTS bands</p> <p>Sixteen configurable data profiles</p> <p>SIM card slot for carrier provisioning</p>	<p>Supports 1xRTT, EVDO Rel0, and EVDO RevA</p> <p>PCS and cellular bands</p> <p>Support for both Mobile IP and simple IP</p> <p>OTASP- and IOTA-based modem provisioning</p>
Cisco IOS® Software interface	Dial on demand (DDR) interface (interface cellular); transparent dial backup for primary link failure	
Management	Familiar Cisco IOS CLI for modem activation and provisioning, HTTP Web interface option, and SNMP MIB for remote modem management (coming soon)	
Security and VPN	IPsec with hardware acceleration, SSH, firewall, IPS, tunnel-less VPN, NAT and PAT, GRE tunneling, and NBAR	
Interfaces	Wide array of LAN and WAN options on integrated services router, such as Fast Ethernet, Gigabit Ethernet, T1, E1, serial, and DSL	
Wireless LAN	Integrated access point (HWIC-AP) and WLAN controller	
External antennas	Industrial-grade TNC antenna connector with 15-, 20-, and 500-foot remote antenna options	

Performance

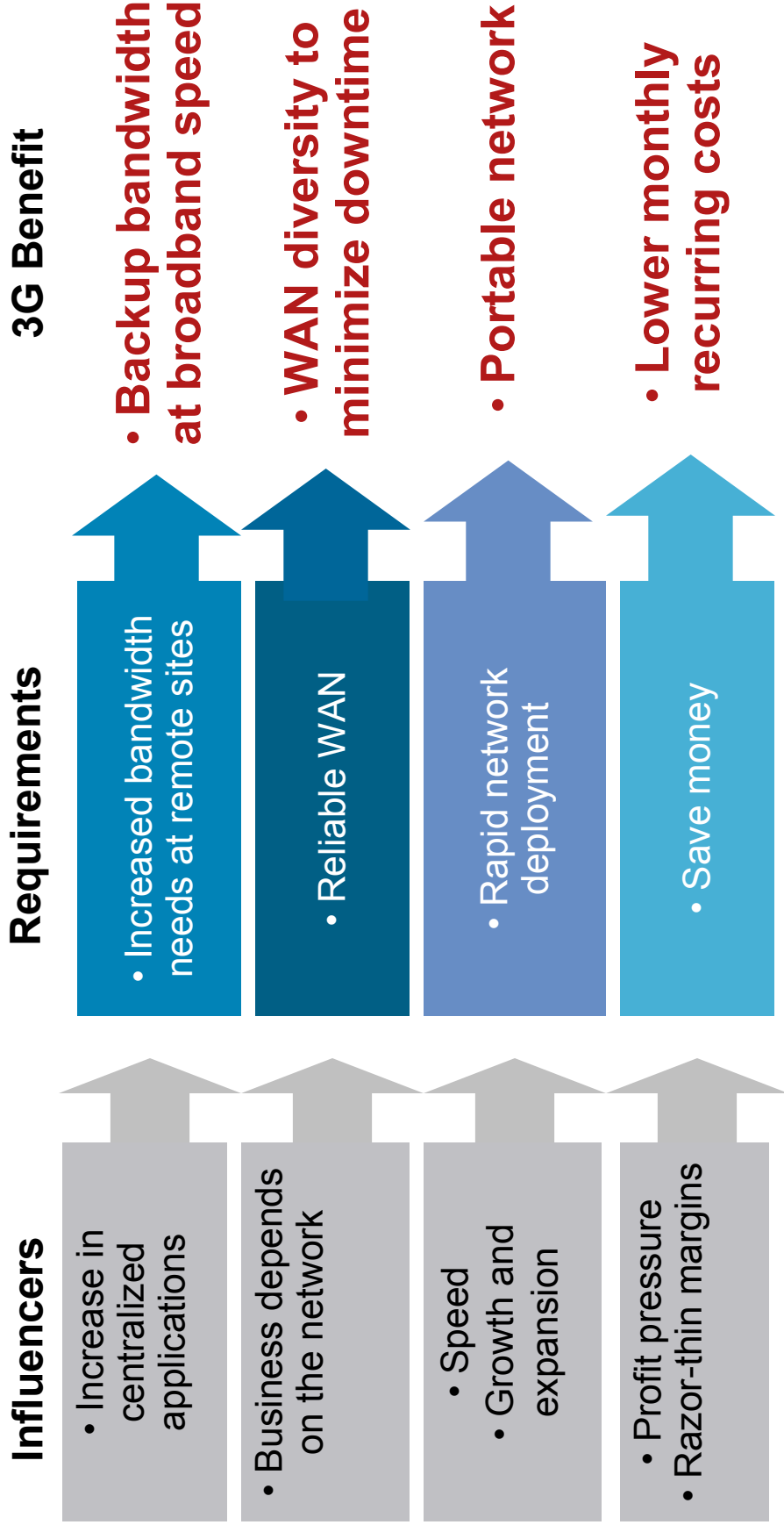


Note: Typical data rate based on Cisco internal testing and field trials - several factors can effect data rates including coverage and congestion.

Live demo



Zaključak



Cisco 3G Wireless WAN Solution Combines the Benefits of 3G with the Market-Leading Cisco Integrated Services Routers



Informacije na Cisco stranicama

- Za više informacija o Cisco 3G wireless WAN rješenjima, posjetite: www.cisco.com/go/3g

