

InterReach® Office

Enterprise GSM IP RAN



ADC's InterReach® Office suite of wireless solutions enables a high-quality, service-rich mobile environment optimized for the enterprise. InterReach Office leverages ADC's extensive in-building wireless experience and incorporates innovative GSM radio and core network technologies.

The InterReach Office GSM base station is the foundation of the InterReach Office suite. Packaged in a compact, rack-mountable, server-like enclosure designed to be easily installed and configured by corporate IT personnel, the base station can be connected to an InterReach Unison or InterReach Fusion distributed antenna system (DAS) to efficiently provide coverage and capacity within the enterprise using commonly available CAT5 or CATV cabling.

Thanks to its All-IP architecture, InterReach Office backhauls traffic to carrier networks via an IP connection over DSL or cable modem networks, this allows for faster and simpler setup and configuration than any other product.

In addition to providing superior coverage and capacity solutions for enterprise customers, InterReach Office Gateway will provide a cost-effective migration path to wireless PBX connectivity and Fixed Mobile Convergence.

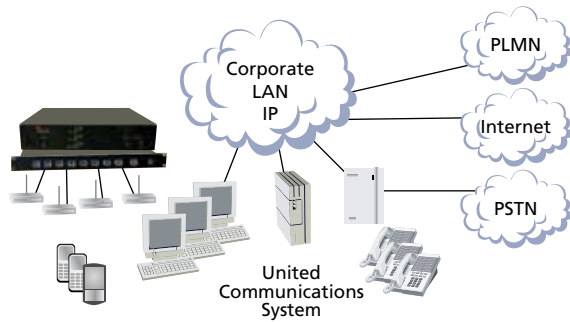
InterReach Office Key Features

- Supports voice and data for all GSM bands (850, 900, 1800, and 1900 MHz)
- All-IP architecture supporting standard 3GPP interfaces
- Integrated BSC functionality
- Local switching within the enterprise
- Easy DAS integration for extended coverage
- Roadmap toward IP PBX connectivity and enterprise FMC

SPEC SHEET



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Cellular phones have become a primary communications device for corporate users because they improve productivity by enabling instant connectivity anytime, anywhere. To capitalize on this benefit, enterprises are now investing in strong and ubiquitous in-building mobile coverage with ample capacity for current and future services. In addition, enterprises are looking toward FMC strategies that integrate PBX and other services into the wireless infrastructure.

By providing in-building GSM coverage with capacity for every user and service, InterReach Office drives employee productivity and improves communications today, while providing a foundation for migration to FMC and PBX integration in the future.

For mobile operators, InterReach Office enables customer-specific service differentiation that adds new major accounts while reducing churn among existing customers. In addition, InterReach Office improves macro network efficiency and costs by offloading enterprise traffic from the macro network.

As a result, InterReach Office delivers a new level of mobile service quality and flexibility, allowing mobile operators and enterprises to begin a smooth transition to the wireless office of the future.

RF SPECIFICATIONS

Transceivers:	2
Erlangs (Voice and GPRS Data @ 2% GoS):	9
Frequencies Supported:	GSM 850, GSM/EGSM 900, DCS 1800, PCS 1900
Technologies Supported:	GSM, GPRS, EDGE capable
Output Power:	+17 dBm
RF Interface:	N-connectors (Tx/Rx); GSM compliant Um Interface
Network Interface:	RJ-45 100bT Ethernet
MSC Interface:	Compliant GSM A interface over IP

ENVIRONMENTAL SPECIFICATIONS

Power:	110-220 VAC, 50-60 Hz
Operating Temperature:	+5° to +45°C (+41° to +113°F)
Operating Humidity; non-condensing:	5% to 95%
Dimensions (W x D x H):	48.3 cm x 40.6 cm x 8.9 cm (19 in. x 16 in. x 3.5 in.)
Weight:	7.71 kg (17 lbs)

SPEC SHEET



Website: www.adc.com

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