



# Truepoint™ 5000

*A universal platform for all of today's  
wireless access and transport applications*

# Microwave Makes It Happen



***T***elecommunications networks need to perform today, grow tomorrow and bridge you to the future—all with less complexity and cost. Breakthrough microwave technology makes it happen.

TRuepoint™, our latest family of microwave digital radios, leads the market in technology innovation, network flexibility and the global transformation to IP.

TRuepoint 5000 is the first universal microwave digital radio platform—offering plug-and-play, software-selectable capacity, frequency, modulation, and power. Global network operators, fixed wireless operators, government agencies, transportation and utility companies and public safety operators get unprecedented flexibility and reach with TRuepoint 5000.

TRuepoint 5000 changes the economic landscape in microwave, enhancing revenue potential and saving deployment and operational costs. With its versatility and flexibility, TRuepoint 5000 opens the door to new serving areas and markets.

## ***Break into New Markets***

Flexible deployment and easy, economical reconfiguration extend operator reach and lower operating costs. Faster time to market, simplified access to new markets, and easy transition to IP and other future technologies are clear TRuepoint advantages.

## ***Extend Network Reach***

TRuepoint's unprecedented flexibility addresses the unique requirements of wireless communications markets around the world.

- Modular design, with software-controllable features, enables global network operators to fine-tune each network segment to local needs. The result is wider coverage, increased subscriber base and enhanced revenues in densely populated metropolitan, small-pocket and remote areas.
- Dependable, cost-efficient microwave transmission provides assured government communications and the infrastructure that fire departments, hospitals, and other emergency service providers need daily to save lives.
- Fast, reliable and affordable deployment of an entire mobile communications infrastructure and a simplified solution for crossing over desert, forest, urban, and other challenging terrain—all these make TRuepoint 5000 the best choice for developing countries.





### ***Reduce Cost of Ownership***

TRuepoint 5000 eliminates overlay networks, dramatically lowering overall cost of ownership. Smaller antenna requirements, increased transmission distance, fewer repeater sites and wider temperature range all reduce deployment costs. TRuepoint 5000 minimizes operating costs through efficient diagnostics and network management, reduced real estate requirements, low power consumption and decreased sparing and training. It also protects your current investment through compatibility with other industry-standard management systems.

### ***Improve Competitive Position***

Respond to market changes with greater agility. Roll out services to new areas and markets more rapidly. Evolve business plans to address new markets, services, and technologies. Set more aggressive growth objectives. Cut time to revenue through faster network startup, simplified reconfiguration and easy capacity upgrades. Open new serving areas, markets and revenue possibilities through easy shifts to higher frequencies and simplified, modular interface changes. TRuepoint 5000 makes all of these possible.

### ***TRuepoint 5000 Advantages***

TRuepoint 5000 delivers a full spectrum of current and future applications on a single robust, reliable and fully scalable platform.

- Single platform supports plug-and-play choice of SDH/SONET, PDH or IP interface
- Modular capacity options from 4 DS1 to OC-3 (ANSI) or 2 E1 to STM-1 (CEPT)
- Software-selectable capacity, modulation level (4 to 128 QAM), frequency and output power

- Operates in the 6 to 38 GHz frequency bands
- Frequency-independent, scalable signal processing unit
- Capacity-independent radio frequency unit
- Network management options include NetBoss® enterprise manager, StarView™ element manager, FarScan™ alarms, Web-CIT craft interface and compatibility with other SNMP-based systems
- Advanced operational features include in-service performance monitoring, built-in diagnostics, auto-discovery and integrated performance logging
- Automatic and dynamic transmitter power control (ATPC/DTPC) ensure a consistent transmission signal
- Highly reliable, integrated design, with high MTBF
- Fully compatible with existing radio networks

***Delivering technology innovation and game-changing economics, TRuepoint 5000 is the most customizable microwave digital radio on the market.***

The TRuepoint 5000 is backed by unmatched engineering expertise and customer support.

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