

**When wireless is pushed to the limit,
the answer isn't more of the same.**

The answer is more innovation.

Network operators worldwide are facing ever-increasing demand to add new services and frequencies. But you needn't rely on outdated expansion models that compromise quality and increase costs. Quintel tilts wireless to your advantage with innovative solutions that support multiple operators, spectrum bands, and access standards through a single antenna.

Maximum utilization. Minimum costs.

Transforming the Business of Wireless

Quintel is a leading innovator in the design, development, and delivery of network-efficient antenna independent tilt solutions for wireless operators worldwide. Our products and services overcome prior limitations of network deployment to maximize your investment in wireless infrastructure.

In emerging markets, Quintel solutions deliver both immediate CAPEX reduction and downstream recurring OPEX savings by enabling base station site-sharing across multiple operators.

In mature markets, Quintel enables operators to rapidly overlay 3G and 4G services atop their existing networks -- reducing time-to-market, eliminating site acquisition CAPEX and subsequent site maintenance OPEX. Quintel's multi-operator site sharing application leads to further cost reductions, while its cell-splitting application increases spectrum efficiency and network QoS.

Flexible Solutions

Quintel's scalable, multi-purpose antenna solutions enable network operators to realize up to 40 percent cost savings in the deployment and maintenance of their infrastructure.

Our solutions help operators address the challenges of:

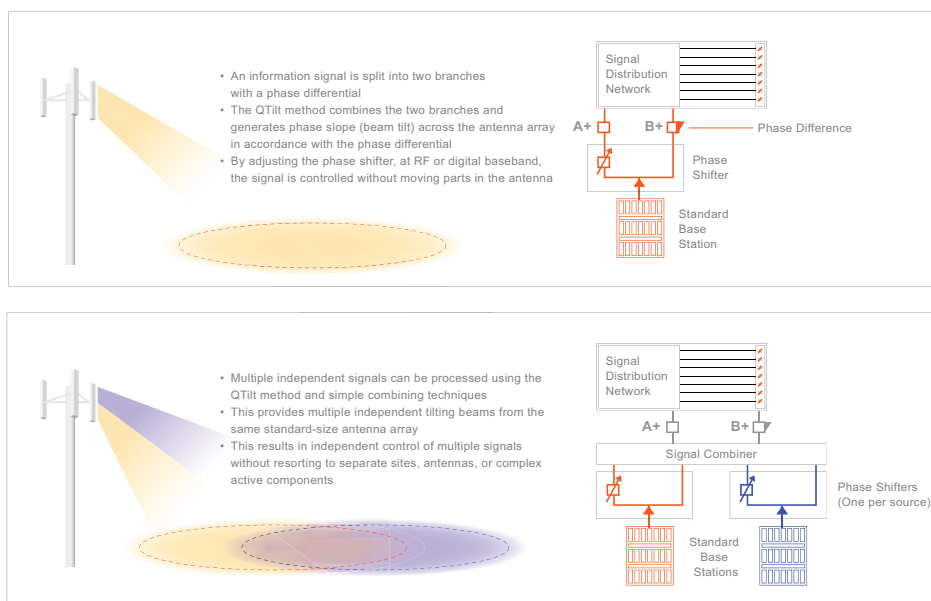
- Network growth and optimization
- Capacity and coverage scaling
- Capital expenditures and operating efficiency
- Service expansion and overlay with legacy services

Quintel antenna products maximize the output of site assets and minimize the number of sites required to meet Quality of Service (QoS) requirements. Our products increase performance and reliability by supporting multiple services and spectrum bands, and—at minimum—doubling the output of standard antennas. Wireless operators enjoy greater optimization freedoms, higher field reliability, lower operational costs, simplified overall network design, and enhanced quality of service with Quintel's core technology, called QTilt™.

Quintel's solution benefits:

- Increase network capacity up to 40%
- Speed time-to-market
- Get more out of site capital assets
- Reduce planning/zoning issues
- Lower TCO: Reduce capital costs up to 25% and recurring operational costs up to 35%
- Achieve scalability with service flexibility and a standards extensible network

Quintel QTilt™: Independent frequency control and maximum site coverage.



*For simplicity, only a single transmit channel shown.

Q Tilt – Innovative Technology

QTilt technology provides multiple beams with independent tilt optimization for each individual operator, or access technology (i.e. a “service”), on a single standard-size antenna in the same frequency band. Multiple wireless operators, or services, can now co-exist on common bands and antennas while achieving the benefits of complete independent optimization for each service.

Unlike the conventional approach to optimization, which may require twice the number of antennas, our more elegant solution effectively doubles the output of conventional antennas while preserving total independent control and operation. QTilt ensures scaling and flexibility across the full range of technologies (i.e., GSM, UMTS, cdma2000, EVDO, and LTE) and spectrum bands (i.e., 700, 800/850, 900, 1800, 1900, 2100, AWS and 2600 MHz). This innovative approach enables operators the opportunity for network expansion and consolidation with far greater output, maximum control, and significantly reduced cost.

In addition, Quintel’s applications provide a unified point of control that enables wireless operators to have greater flexibility and scalability in addressing network design, rollout, consolidation, and optimization.

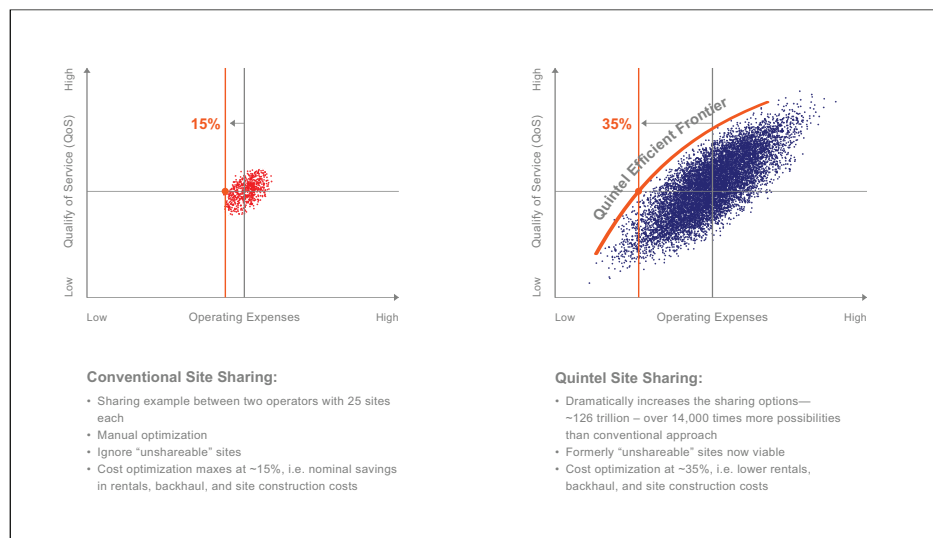
Measuring Network Optimization: The Quintel Efficient Frontier

The Quintel Efficient Frontier (QEF) methodology optimizes the most capital-efficient Quality of Service (QoS) performance relative to wireless network operator’s investment profile. By identifying maximum QoS for a given network cost structure, QEF allows technical and business stakeholders to assess performance tradeoffs, opportunity costs, and accurately project investments required for future growth.

“Quintel’s technology expands the range of towers for sharing and providing operators with greater choice.”

– GSM Association,
Mobile Infrastructure Sharing Report

Quintel Efficient Frontier vastly expands the universe of sharable sites—consequently providing over 2x more efficient solutions at the same level of service.



Scalable Innovation

The barriers to network expansion and consolidation have been removed. Quintel's QTilt™ has turned the problem of limited physical space into an advantage by multiplying antenna functionality. Want to know how to maximize your network performance?

Flexible Solutions

The realities of sharing sites, rolling out services, and supporting multiple standards have long been a trade-off between Quality of Service (QoS) and cost of ownership. Quintel is changing all that. Now you can address those realities while maintaining independent control.

Proven Benefits

Our innovative technologies and flexible solutions don't just solve wireless network challenges. They address real business requirements. That's why a growing number of leading operators worldwide pass traffic over Quintel antennas.

⦿ About Quintel

In 2007, Quintel was spun-out by QinetiQ, a world-class research and development organization with hundreds of technical innovations. As a privately held company, Quintel and its investors share an unwavering commitment to commercialization of pioneering innovation. Through its support, Cody Gate Ventures has enabled the development of next-generation wireless antenna solutions for an ever-expanding global wireless market. Quintel holds over 100 combined patents in 20 countries, and serves many leading global wireless operators across the Americas, Europe, and Asia. Quintel operates headquarters offices in Menlo Park, California and Bicester, United Kingdom, with additional points of presence in the Americas, Europe, and Asia.



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