



> DESIGN
DEPLOY
SUPPORT

SYSTEM DESIGN

WILL YOUR NEW RADIO NETWORK DELIVER THE GAINS YOU NEED?

If your organization must upgrade or replace a radio network, can you be confident your new system will support legacy equipment, address your coverage issues and meet your security requirements? Can “off-the-shelf” products meet your requirements precisely, rather than a complete, integrated, customized solution?

System Design analyses your performance criteria and benchmarks key network parameters to deliver measurable performance benefits in system availability, traffic loading, data throughput and signal strength. To achieve this calls for the right network architecture, products, services and applications.

Trusting Tait to design your system means you can expect a strong working partnership with experts who will listen and understand your business and your industry. Engaging with your organization and preferred suppliers, our specialist Design Services team will demonstrate how a system specifically designed to fulfill your requirements can improve your business processes, exceed performance expectations and positively impact on profitability.

WHAT DOES SYSTEM DESIGN INVOLVE?

Your System Design is delivered by qualified, professional engineers with specialist capabilities in these disciplines:

Network Planning and Analysis

Based on your objectives and critical performance measures, this provides a comprehensive analysis and plan for your traffic, frequency, fleet and coverage levels.

Network Optimisation

Benchmarking your network traffic, frequency, fleet, software and hardware parameters against industry performance levels will identify performance optimization opportunities.

Coverage Planning and Optimization

Coverage simulation and verification tools, survey and test equipment will plan, predict and verify your network coverage to optimize coverage scope, quality and capacity.

IP System Design

Loading and routing design of digital networks including capacity planning and IP numbering design are Tait specializations.

Network Migration Planning

Whether changes are due to government frequency regulation, new security or internal business requirements, your migration plan reflects your timeframe and budget.

Customization

Beyond standard product, service or application offerings, customized requirements focus on your organizational objectives and critical performance parameters.

RADIO AND RTCP SOLUTIONS FOR PUBLIC TRANSPORT

Visit booth 12760 to discuss your radio and RTCP needs and to enter the draw to win exciting daily prizes!





WHAT DOES SYSTEM DESIGN DELIVER?

The right solution, first time

Working with Tait, your organization will benefit from efficient design processes and experience and you can be confident of achieving the right solution first time. This will deliver measurable performance benefits, potentially avoiding significant financial and administrative costs to increase your profitability.

Optimized solution performance

Your Tait-designed system will be optimized to fulfil your requirements, operational parameters and key performance metrics, providing 'the right fit' between your radio solution and your organization's strategic objectives.

Lower cost through design flexibility

A new system design won't necessarily mean all equipment and associated technologies must change. With Tait comes the flexibility to design systems to retain legacy equipment and interfaces, specify your preferred suppliers and support the integration of third-party equipment.

Tait offers a range of radio communications services in three portfolios:

DESIGN

Technologies, tools and ideas to predict, plan, identify and customize a communications solution that guarantees the right fit. Tait Design services include:

- Customization,
- System Design,
- Network Migration Planning.

DEPLOY

The expertise to integrate and upgrade your radio solution, achieving seamless, streamlined and trouble-free implementation. Tait Deploy services include:

- Project Management,
- Technical Training,
- System Documentation.

SUPPORT

Continued, ongoing assurance and expert support for your equipment – and your people – for the life of your network. Tait Support services include:

- Health Check,
- Extended Product Warranty,
- Support Agreement.