

# Analog Simulcast over IP: Integrated Voice & Paging Solution



**TaitNet AS-IP analog simulcast networks are IP-based analog systems that are specifically designed to provide conventional simulcast analog communications over wide geographic areas.**

**AS-IP networks can stand-alone, or an analog simulcast overlay can be added to new or existing Tait P25 networks, for analog voice and paging applications.**

TaitNet AS-IP networks deliver a lower total cost of ownership by providing advanced functionality with less equipment, better coverage on a single frequency and investment protection for your future needs.

#### **Advanced Functionality**

The TaitNet AS-IP system architecture is composed of a master base station with multiple satellites to form a channel. A console gateway can be added to connect to a dispatch solution. This system can be improved with the Tait Enable suite applications or other standard 3rd party analog equipment.

#### **Integrated Equipment**

Using significantly less equipment than a typical analog simulcast network, TaitNet AS-IP incorporates voting and site control into the cleverly designed TB9400 base station for efficiency and increased resiliency.

#### **Better Coverage**

Simulcast transmission provides a means of achieving wide-area coverage with multiple transmitters utilizing a single frequency for voice and paging solutions.

#### **Investment Protection**

The Tait AS-IP network portfolio is based on the latest 9400 Tait products, providing a compact solution that can grow with your customer's needs for both Analog and P25 solutions.

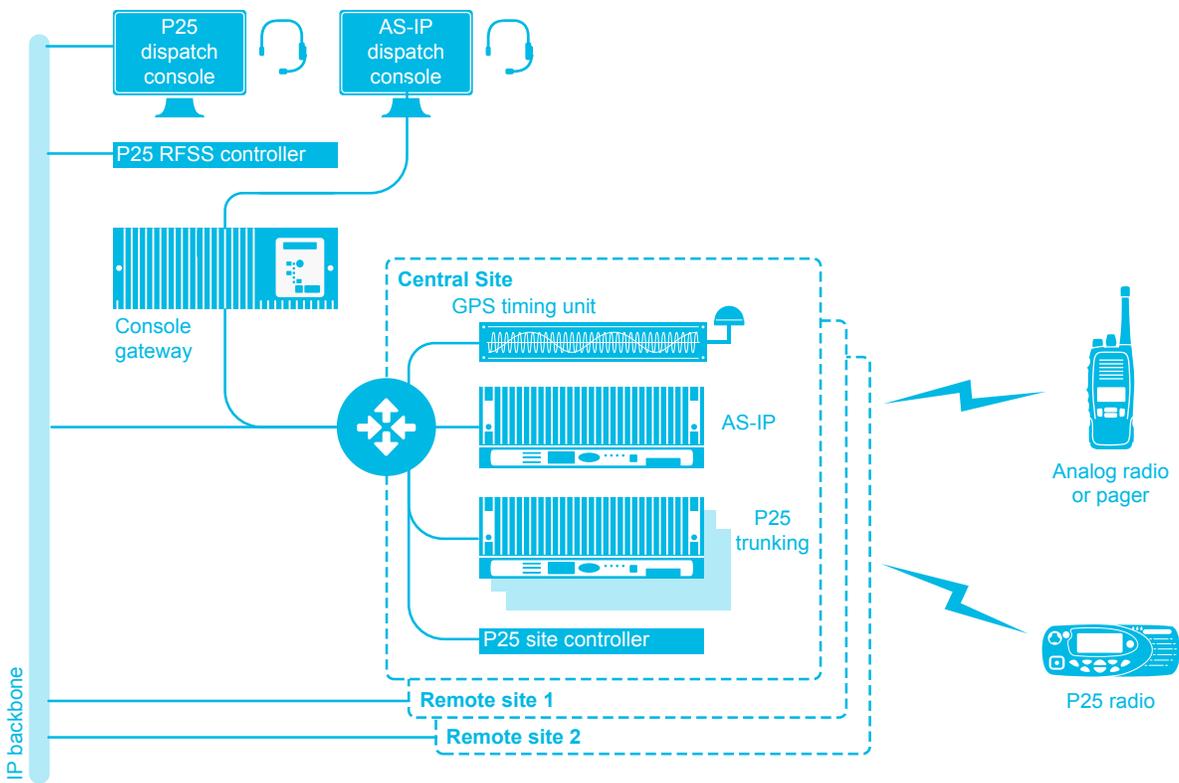
#### **Easy Migration Path**

The TaitNet AS-IP network utilizes the latest Tait 9400 products that are also utilized in Tait P25 networks for Phase 1 and Phase 2 operation. This allows for full re-use of our AS-IP hardware platform and licences when customers are ready to migrate to a P25 solution.



**TaitNet AS-IP Analog Simulcast overlay on P25 trunking networks.**

AS-IP trunking can complement a P25 network by adding an analog simulcast overlay to a P25 trunking solution, allowing analog voice and paging applications or legacy analog radio users such as mutual aid channels.



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