



Black & White

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Basestation Comparison Chart

Feature	TSF Lite	TSF2000	Xfin Base
25W	✓	✓	✓
50W		✓	✓
100W		✓	✓
Selcall	✓	✓	✓
2/4 wire connection		✓	✓
M80 signalling	local	✓	✓
TRC signalling	local	✓	
IP connected dispatcher			✓
IP connected single PMR site			✓
IP connected multiple PMR sites			✓
Radio Telephone inter-connect			✓
User configurable timers	4	4	24
SIP interface			✓
IP connected remote programming			✓



The Difference is

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Xfin technology represents a fundamental shift in PMR design from hardware to software IP solutions



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www.simoco.com.au



THE UN-CONVENTIONAL BASESTATION SOLUTION

In a Single 1U Product

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Xfin Base

The Difference is



Xfin Base takes the same IP principles that form the core of the Xfin Trunked MPT 1327 system to create a totally new concept in conventional basestation technology - a conventional basestation that's software and IP controlled, enabling a truly distributed solution for in excess of 100 conventional basestations and in excess of 50 Dispatch stations – a conventional basestation that is in all regards quite unconventional.

Xfin Integrated 1U Technology



The Xfin software enabled control board manages core Conventional functionality including Selcall¹, whilst twin RF engines drive airside radio performance – all in a single 1U product.

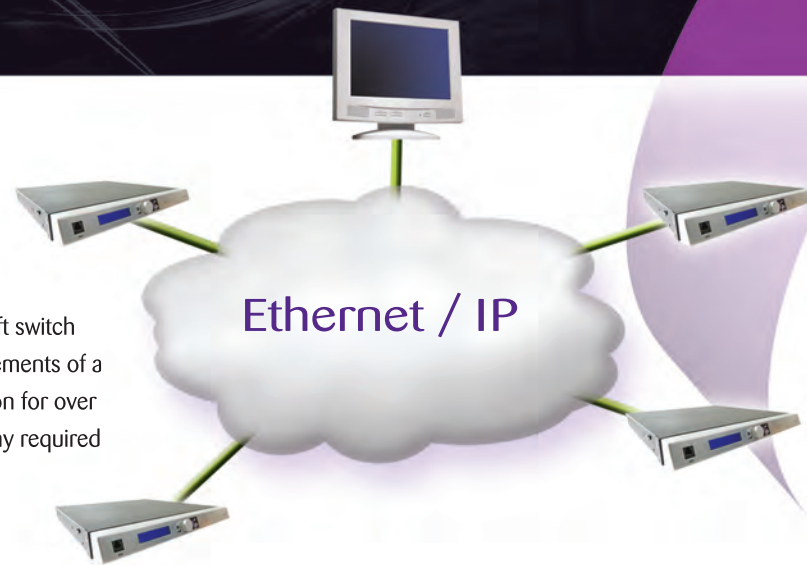
Xfin Base Dispatcher

Provides both call handling and Basestation switching functionality in a single IP based application. In excess of 50 Dispatchers on a network where each can dynamically monitor and control up to 12 Basestations simultaneously from a simple to use and intuitive, PC based user interface. Each Basestation can handle up to 8 concurrent dispatcher connections on numerous sites.



Flexible Options

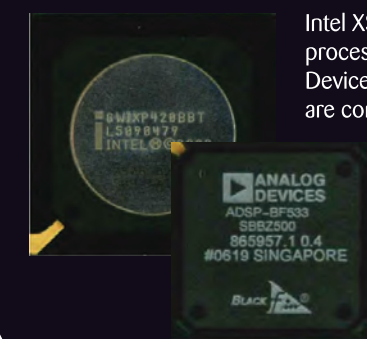
Each Xfin Base with 25W, 50W and 100W power output comes fully loaded with the latest Xfin Base IP distributed software. Along with its sister product, Xfin Base dispatcher, with integrated IP soft switch functionality it provides all the essential elements of a distributed conventional IP network solution for over 100 basestations and 50 Dispatchers in any required configuration on the 'IP Cloud'.



IP Connectivity & Resilience

With the exception of the analogue air interface, Xfin Base is fully digital and IP, utilising VoIP to carry voice traffic. Each Xfin Base is an IP device; networking by the same IP rules as standard IT equipment; each Xfin voice or data call just additional IP data stream in the same format as, say, your company email. So now for the first time PMR can be integrated into a single corporate IP network utilising cost effective IP connectivity options such as WIMAX and ADSL, dramatically reducing inter-site networking costs whilst providing inherent, distributive, network resilience.

Xfin Processing Core



Intel XScale network processing and Analog Devices Blackfin DSP chips are combined to create the unique Xfin control board providing the processing power behind Xfin software driven conventional solutions.

SIP Interface



In line with the Xfin open systems principle, SIP, the industry standard VoIP interface standard has been chosen to enable integration of the Xfin Base and Dispatcher to third party systems.

Engineering procedure revolutionised

- Dispatcher with IP Soft Switch functionality eliminates the cost and complexity of integrating component switching hardware.
- Plug and play technology reduces Xfin Base deployment to a simple software wizard.
- Remote maintenance enables constant system monitoring and fault isolation.
- Simple hot swap replacement enables one stop fast fault resolution and reduces spares holdings to redundant Xfin Base units.
- Xfin Base and Dispatcher both fully software upgradeable to the Xfin Trunked MPT1327 standard.

MPT1327 Upgradable

Team Simoco is committed a flexible, software focussed Xfin portfolio of products and in line with this principle, both Xfin Base and Xfin Base Dispatcher are fully upgradeable to Trunked MPT1327 standard by means of a simple software upgrade.



Futureproof

Most industry players have diverted all their investment away from analogue conventional technologies leaving customers with very few options in these markets. At the same time Team Simoco has raised standards to new levels by creating Xfin digital IP based solution. Quite simply Xfin Base is the only analogue conventional radio technology designed for the IP networking challenges of the next decade and beyond. Quite simply, it has to be Xfin Base – The Un-Conventional Basestation and Dispatch solution.