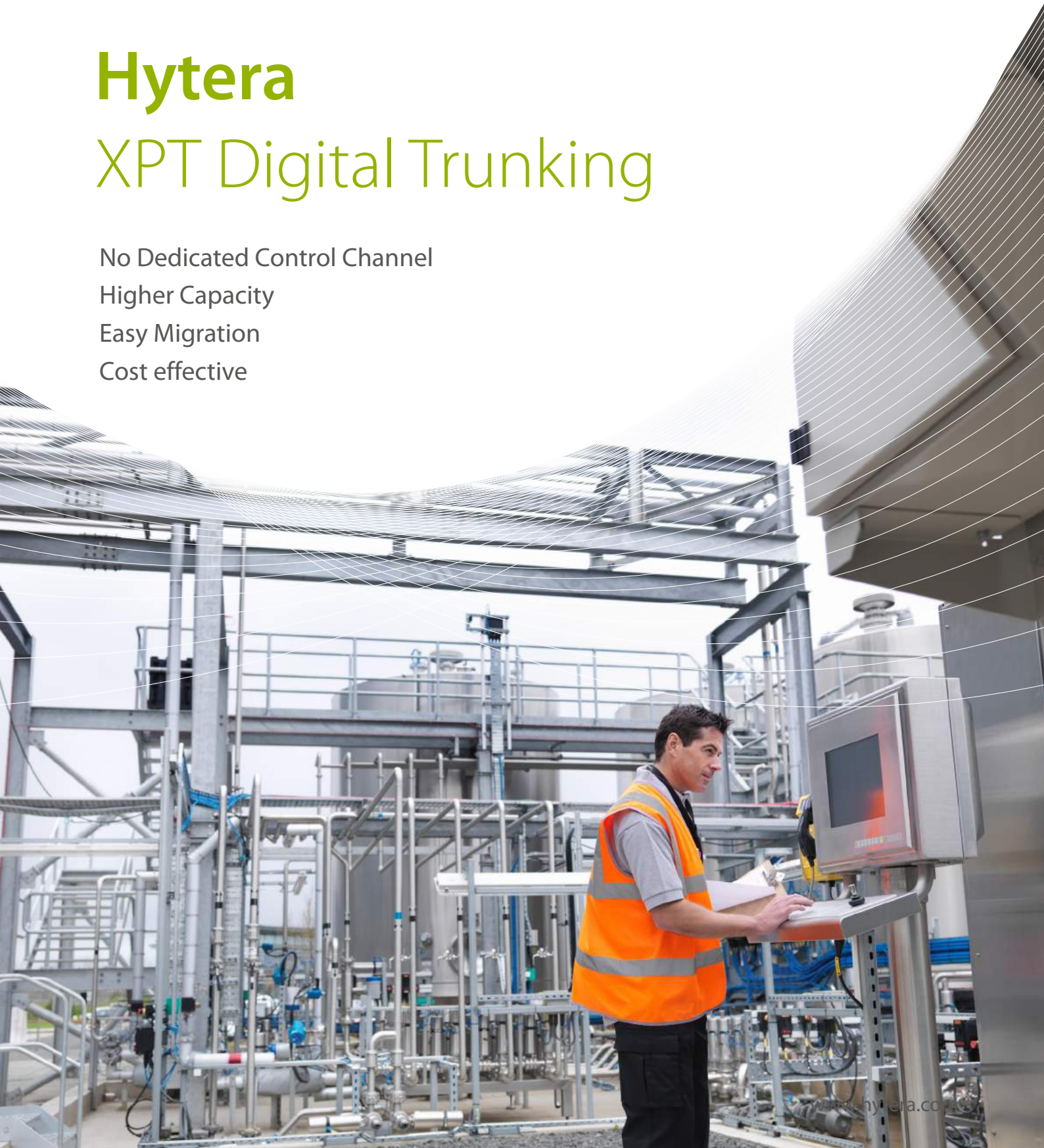


Hytera

XPT Digital Trunking

No Dedicated Control Channel
Higher Capacity
Easy Migration
Cost effective



What is XPT ?

XPT (Extended Pseudo Trunk) is a scalable, single-site digital trunking solution that allows you to cost-effectively increase the capacity by simply upgrading the current RD98XS repeater. Connecting to a larger number of users with voice and data has never been easier. XPT complements the best two-way radio using the latest digital technology designed with you in mind to meet your growing communications needs.

XPT will now allow multiple users from various departments faster access to the system to handle urgent requests which increases productivity, enhances customer service and provides better dispatching to security personnel responding to emergencies.

This powerful, cost-saving and ease-of-upgrade XPT is to bring about a bright and original future in various industries. With it, the airport and seaport are able to handle more shipments with higher efficiency; with it, warehouse managers able to playback the voice recording; with it, hotel customers able to use the room telephone to call housekeeper's radio directly.



Better Channel Utilization

Based on the XPT protocol, the channels for voice and data can be extended up to 16 with mere software upgrade. Each channel can be customized to transmit voice and data or transmit data only.

No Dedicated Control Channel

There is no control channel in XPT and no license required for continuous transmitting. All channels can be used as traffic channel.

Versatile Features and Better Performance

Abundant features are available including dispatching, voice recording*, PABX interconnection* and network management in the XPT system.



Hytera Digital Solution Architectures

TDMA 2 time slot

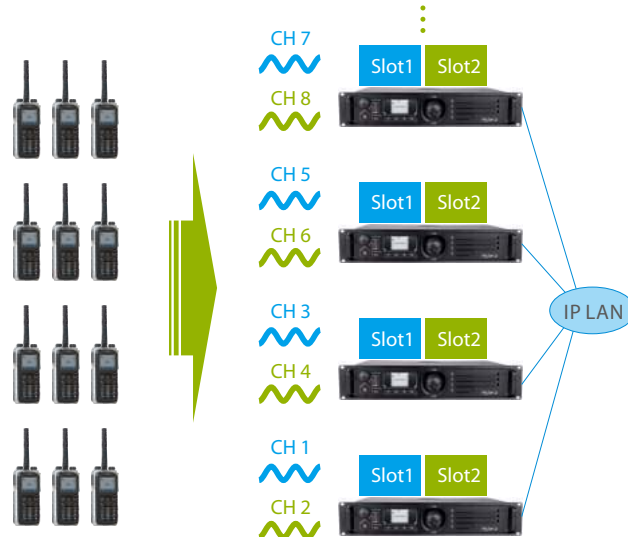


Pseudo Trunk



2 channels sharing pool

XPT Digital Trunking System



Multiple channels sharing pool



Technical Advantages

- Without dedicated control channel.
 - Large capacity, 8 carriers, 16 communication channels.
 - Cost effective, fast deployment, easy configuration.
- Simple infrastructure with only repeater and IP switch.
- Upgrade RD98XS firmware with license to enable XPT feature.
- Upgrade PD6, PD7, X1, MD6, MD7 firmware to enable XPT feature.

Key Features

Voice call

- Private call
- Group call
- All call
- Emergency call
- Polite access
- Telephone call*

Supplementary call

- Alert call
- Remote monitor
- Radio enable/disable
- Radio check
- Emergency alarm

Advanced features

- Scan
- Access limitation
- Interference detection*
- Fault tolerance
- RDAC
- Encryption*
- Roaming*

Fault Tolerance

LAN Switch Fail

- Each repeater starts working as a two-channel trunking system.

Repeater Fail

- One repeater fails, the system remains operational with the rest repeaters.

Data operation

- TMS
- RRS/GPS
- Quick GPS*
- Dedicated data revert*

Dispatcher features

- RRS/GPS
- OTAP
- PSTN/PABX*
- Voice recording*

Note: Items with * will be released in XPT R2.0



XPT Ready Products

Type	Model	Frequency
Repeater	RD98XS	UHF1: 400-470MHz; UHF2: 450-520MHz UHF3: 350-400MHz; VHF: 136-174MHz
Terminal	PD60X/PD66X/PD68X	UHF: 400-527MHz; VHF: 136-174MHz
	PD70X/PD78X	UHF1: 400-470MHz; UHF2: 450-520MHz UHF3: 350-400MHz; VHF: 136-174MHz
	MD65X	UHF1: 400-470MHz; UHF2: 450-520MHz; VHF: 136-174MHz
	MD78X	UHF1: 400-470MHz; UHF2: 450-520MHz UHF3: 350-400MHz; VHF: 136-174MHz
	X1e/X1p	UHF1: 400-470MHz; UHF2: 450-520MHz UHF3: 350-400MHz; VHF: 136-174MHz
	PD79X Ex	UHF : 400-470MHz





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