



## Repeatit TRINITY

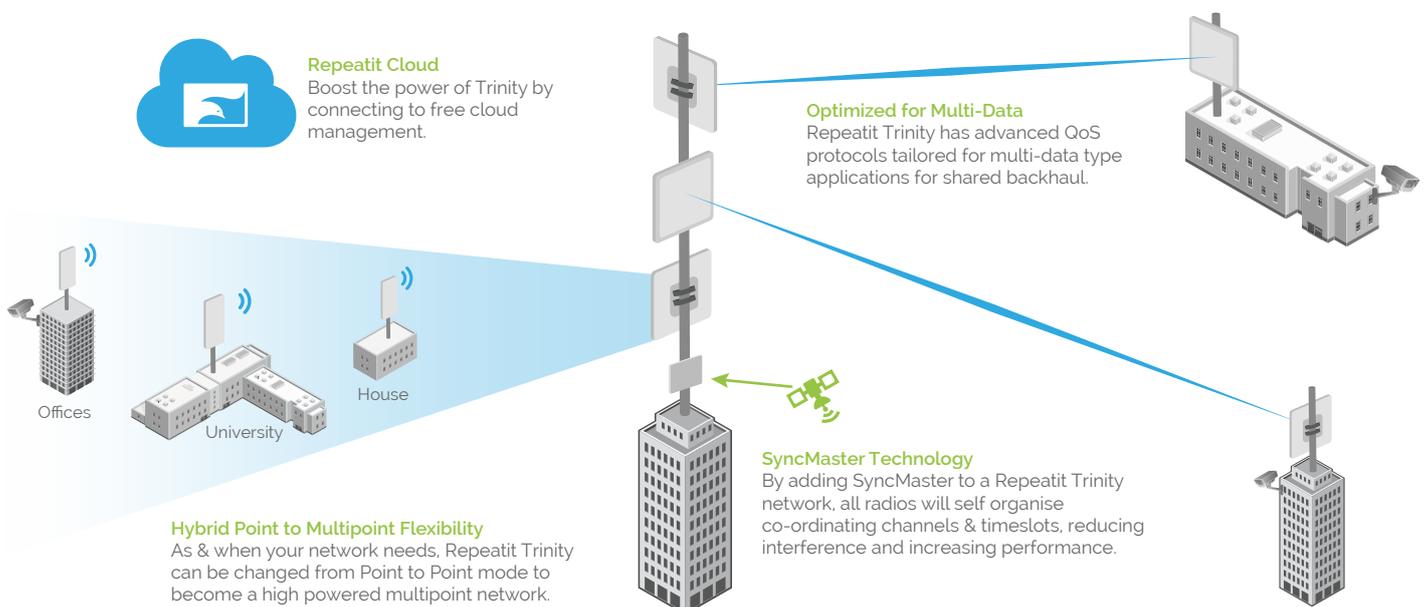
High performance hybrid point to point & point to multipoint managed by a cloud ecosystem

Repeatit Trinity is a family of high performance hybrid-wireless point to point (PtP) and point to few (PtF) united with a unique cloud ecosystem.

The Repeatit Trinity family combines high quality wireless PtP and PtF with Repeatit's performance enhancing wireless technologies including AirTime, PacketHeal and SyncMaster. These technologies significantly increase wireless throughput, efficiency and capacity.

With a diverse range of high performance, small form factor and long distance PtP/PtF, Repeatit Trinity represents the best price vs. performance for any products in it's class, making it an easy option for network operators to deploy.

Due to it's outstanding performance, Repeatit Trinity is often used for CCTV applications, enterprise / business connectivity, last mile access and offshore connectivity.



# Repeatit Trinity Technologies

## AirTime

AirTime by Repeatit makes wireless transmission more efficient enhancing both PTP & PMP performance beyond traditional limits, especially in high density & long distance environments. Through a unique algorithm, Repeatit's AirTime is able to command wireless radios exactly when to transmit and when to receive - reducing noise, which greatly increases link efficiency and performance.

## PacketHeal

Repeatit's PacketHeal technology instantly heals lost & corrupted packets, eliminating transmit and receive errors for all applications including HD video streaming, voice, multi-data and more. By allowing a safety period buffer delay of a few milliseconds, PacketHeal is able

to detect and respond to lost packets, without any traffic delay. PacketHeal uses a 3 step process; lost packet detection, retransmission & reordering which takes place in milliseconds.

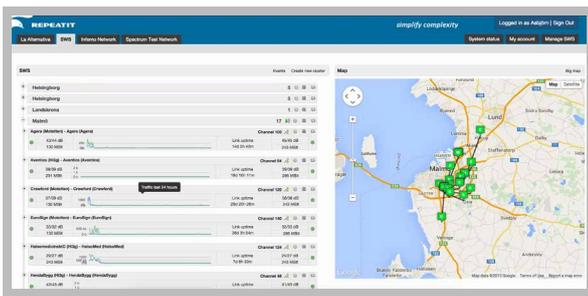
## SyncMaster

SyncMaster by Repeatit reduces interference & increases network performance by organising multiple collocated Trinity PTP/PMP units. SyncMaster reduces self interference and protects against outside interference. Using an integrated time clock, SyncMaster co-ordinates multiple units with exact send & receive slots creating a highly efficient network. SyncMaster also has a built in GPS antenna which can communicate to other SyncMaster units installed on nearby masts also with collocated Trinity units.

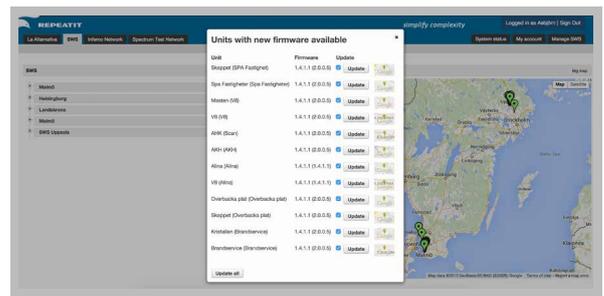
# The Repeatit Cloud Ecosystem

The Repeatit Cloud ecosystem is a truly remarkable union of high performance wireless hardware with next generation management making networks simple to deploy, effortless to manage, and economical to maintain.

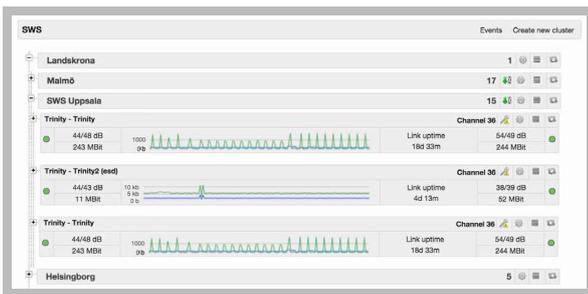
Continually evolving, the Repeatit Cloud ecosystem enables full network visibility with one-click firmware updates, network alerts, usage reports, and a Google Maps network topology.



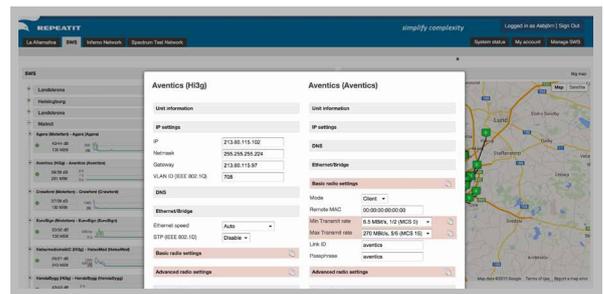
The Repeatit Cloud ecosystem, available for free, provides a detailed snapshot of multiple networks



Upgrade Trinity to the latest firmware with one click and take advantage of Repeatit's latest features



Drill down into individual link performance to troubleshoot and see specific network usage



Configure and change Trinity settings remotely from the cloud without visiting a site

## Repeatit Trinity Product Options



	Trinity 316-S	Trinity 318	Trinity 323	Trinity 300
<b>Usage</b>	Short range PtP/PtMP, CCTV, ISP & building to building connectivity	Medium range PtP/PtMP, CCTV, ISP & building to building connectivity	Long range PtP/PtMP, CCTV, ISP & building to building connectivity	Ultra-long range PtP/PtMP, CCTV, ISP & building to building connectivity
<b>Throughput</b>	245Mbps (true throughput)	245Mbps (true throughput)	245Mbps (true throughput)	245Mbps (true throughput)
<b>Antenna</b>	16dBi Dual Pol Antenna	18dBi Dual Pol Antenna	23dBi Dual Pol Antenna	NA - connectorized
<b>Physical Design</b>	Ultra-small form factor, low profile design	Small form factor, low profile industrial design	Ruggedized, low profile industrial design	Small form factor, low profile industrial design
<b>Ruggedized</b>	Standard Ruggedization: IP45 Rated	Ultra-Ruggedization: IP67 Rated	Ultra-Ruggedization: IP67 Rated	Ultra-Ruggedization: IP67 Rated
<b>Performance Features</b>	5GHz only Up to 30km distance Enhanced QoS -40°/+55° C temp. range Selectable channel widths: 5/10/20/40 MHz Surge Protection	5GHz or 3GHz (different models) Up to 70km distance Enhanced QoS -40°/+55° C temp. range Selectable channel widths: 5/10/20/40 MHz Surge Protection	5GHz, 3GHz or 6GHz (different models) Up to 170km distance Enhanced QoS -40°/+55° C temp. range Selectable channel widths: 5/10/20/40 MHz Surge Protection	5GHz, 3GHz or 6GHz (different models) Up to 200km+ distance Enhanced QoS -40°/+55° C temp. range Selectable channel widths: 5/10/20/40 MHz Surge Protection
<b>Flexible Management Options</b>	1) Repeatit Cloud Ecosystem 2) Repeatit Control System 3) Local Web Management 4) SNMP	1) Repeatit Cloud Ecosystem 2) Repeatit Control System 3) Local Web Management 4) SNMP	1) Repeatit Cloud Ecosystem 2) Repeatit Control System 3) Local Web Management 4) SNMP	1) Repeatit Cloud Ecosystem 2) Repeatit Control System 3) Local Web Management 4) SNMP
<b>Alternative Pictures</b>				
<b>Product Variations</b>	1) 5GHz: 5.15-5.845	1) 5GHz: 5.15-5.845 2) 3GHz: 3.35-3.75 3) Redundancy	1) 5GHz: 5.15-5.845 2) 3GHz: 3.35-3.75 3) 6GHz: 5.925-6.425 4) Redundancy 5) Offshore	1) 5GHz: 5.15-5.845 2) 3GHz: 3.35-3.75 3) 6GHz: 5.925-6.425 4) Redundancy 5) Offshore

### About Repeatit

Repeatit develops high quality wireless networking products for service providers and enterprises. By combining the latest wireless point to point & point to multipoint hardware available with our own technologies & cloud ecosystem, we are able to significantly increase performance while maintaining a disruptive price point. Offering world leading wireless technology for the best price vs. performance enables our customers to build future proof networks without prohibitive hardware, installation & management costs.

Based in Sweden with offices in the Americas, EMEA and APAC, we have an active network of service providers, integrators and resellers which operate in a diversity of markets & applications. Ranging from complex next generation CCTV security networks to nationwide broadband connectivity to offshore data backhaul, our products provide a critical foundation to many organisations across each continent.