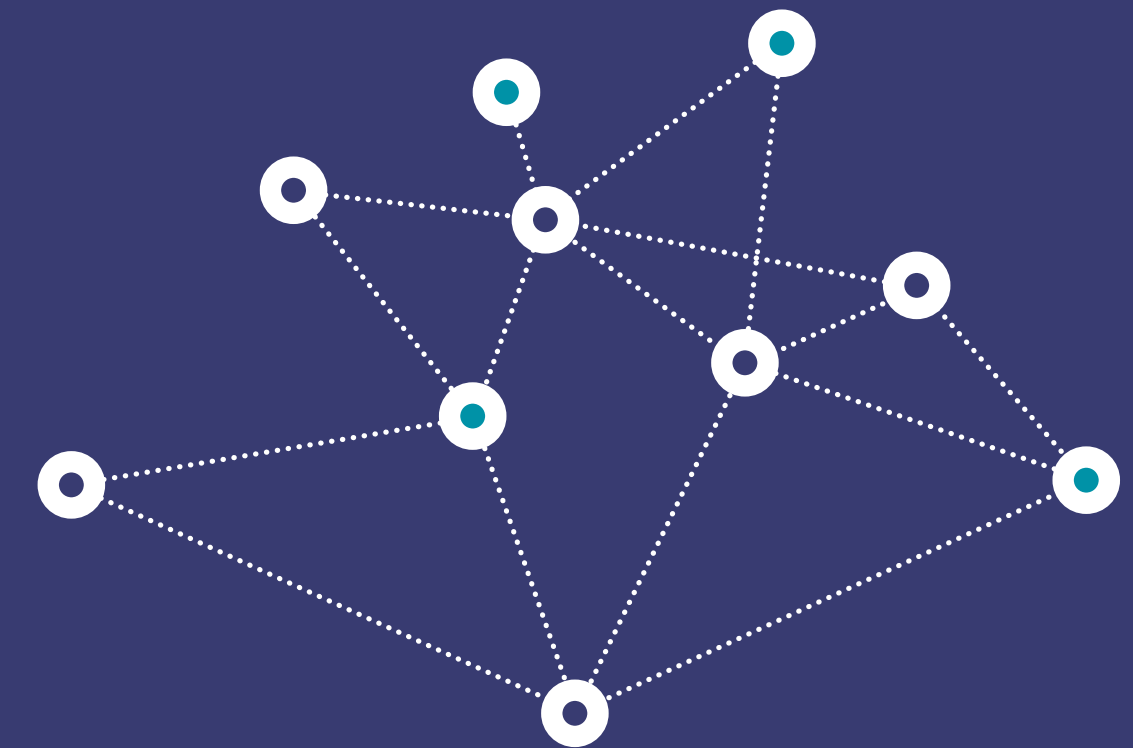


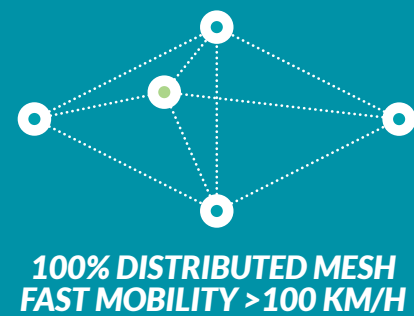
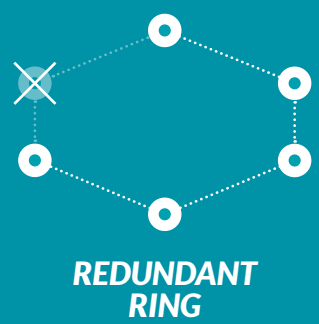
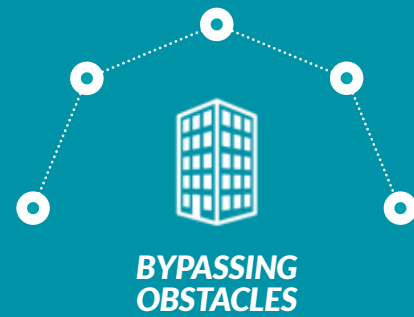
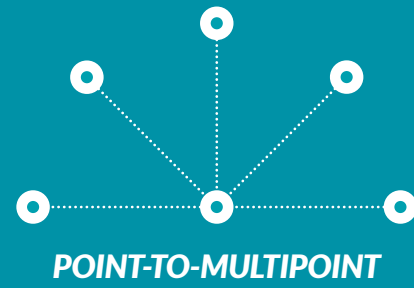
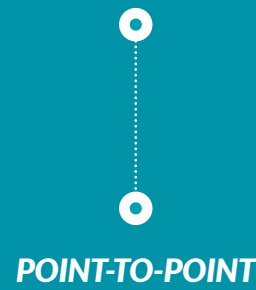


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HIGH PERFORMANCE OUTDOOR WIRELESS NETWORKS

BRING THE NETWORKS ANYWHERE YOU NEED THEM





A WIDE RANGE OF PRODUCTS, SOFTWARE, & PROFESSIONAL SERVICES

LUCEOR OS: THE EMBEDDED OPERATING SYSTEM

- This operating system, unique on the market, is embedded by default in all Luceor routers. It is designed for a maximum flexibility of use, combining the wireless and networking performance of Luceor platforms. LuceorOS enables building native Layer 2 or Layer 3 IP networks, with a 100% distributed wireless connectivity.

- The software license grants the use of:
 - The number of wireless interfaces – enabled on demand
 - Throughput per interface: upgrades from 5 to 150 Mbit/s depending on the use and on the platforms.

- Basic software services in all products:
 - Wireless** (100% distributed connectivity, VU meter, frequency scan, etc.), **Networking** (100% distributed Bridge Mode, etc.) and **Security** (AES 128-bit encryption, WPA2-CCMP, etc.).

- Optional advanced software services: Advanced networking, Advanced security, and Fast Mobility – enabled on demand.

- LuceorOS provides extremely ergonomic and simple configuration and administration: a few clicks to start a complex network.

SOFTWARE

The MeshTool software provides the administration, the supervision and assistance over the installation of Luceor WiMESH networks. With instant discovery of the entire WiMESH network, MeshTool can graph a view of all devices at a glance, as well as their interconnections.

ACCESSORIES

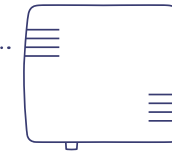
A set of compatible accessories (power supply units and PoE injectors, antennas, antenna cables) is proposed by Luceor to provide many installation configurations and topologies.

PROFESSIONAL SERVICES

Luceor delivers all Professional Services and support / maintenance needed for a smooth project deployment: Study functional networking / radio architecture, project management, on-site assistance and expertise, training for certification, technical support, etc.

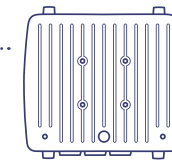
STARTMESH :

A very competitive product, suitable for point to point and network end points. Up to 100 Mbit/s net throughput.



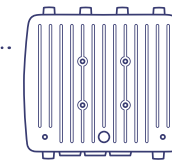
MEGAMESH :

Thanks to its unique upgrade capability - one or two radios enabled on demand - and the flexibility of its configuration, the MegaMesh router is usually used as a relay in the wireless network. Up to 200 Mbit/s net throughput.



GIGAMESH :

With unmatched hardware and software performance and flexibility of its configuration - 1, 2 or 3 radios enabled on demand - the Gigamesh router is used in the core of the networks where connectivity and performance needs are the most important. Up to 450 Mbit/s net throughput. Hardware options - batteries, remote control, quick mounting system - can transform the Gigamesh router into a fully standalone system for temporary, rescue or emergency deployments.



100 Mbit/s

STARTMESH
1 RADIO + BUILT-IN ANTENNA
1 FAST ETHERNET

200 Mbit/s

MEGAMESH
2 RADIOS
1 FAST ETHERNET

450 Mbit/s

GIGAMESH
3 RADIOS
2 GIGABIT ETHERNET
AUTONOMY OPTION > 10H

SOLUTIONS OVERVIEW

LUCEOR solutions are designed for the most challenging outdoor environments. Typical use cases in urban or industrial environments:



VIDEO SURVEILLANCE

- Deliver live HD video streams anywhere:
- Bring the network where you need to place cameras, not the opposite!
 - Complementary technology for deployment alongside wired network



INTER-BUILDING BROADBAND CONNECTIVITY

- Private networks for multimedia applications (VoIP, Data, Video).
- Shared Internet Access: replacement of leased lines and reduction of operating expenses.

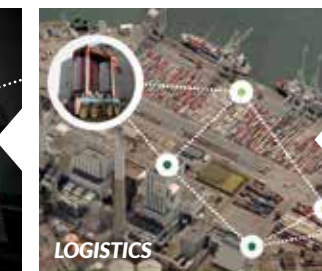


ACCESS CONTROL & PERIMETER SECURITY

Private networks for securing sensitive or critical sites (state infrastructure, port or airport sites, industrial sites, etc.)



TRANSPORTS



LOGISTICS



EVENTS



EMERGENCY RESPONSE

HIGH-SPEED WIRELESS BROADBAND IP CONNECTIVITY FOR VEHICLES

Reliable private networks to transmit live critical streams from fast moving vehicles (vehicles, trains, cars, etc.).

MAJOR EVENTS & TEMPORARY DEPLOYMENTS

- Temporary videosurveillance (sporting or cultural events, summits, construction sites, etc.)
- Emergency Response: Deploying broadband networks in unforeseen emergency situations by non-technical teams.



SMART CITIES / SMART GRIDS

Reliable private networks, intelligent and interoperable to connect sensors. They allow cities more efficient and green management of their energy consumption, but also many new uses.