

LMR SYSTEMS



Land Mobile Radio Networks Built for Now, Built to Last

The Uncomplicated Way
to Modernize Complex
Critical Communications
Infrastructure

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Selex ES Inc, a Leonardo Company.





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IF YOUR COMMUNICATIONS NETWORK IS OUTDATED OR CLOSE TO END-OF-LIFE, WHAT'S YOUR PLAN?

With so much focus on the modernization of critical infrastructure, we are poised to bring you land mobile radio (LMR) communications networks you'll come to trust for their reliability, adaptability and scalability.

Land mobile radio systems create the safest and most secure wireless networks available today. Our mission is to build reliable networks that meet your needs now and adapt and scale as your requirements change.

Our commitment to our resellers, customers and our field is reflected in our Peace of Mind Guarantee—the absolute boldest in the market. We intend to extend the life of your Leonardo network well beyond the industry norm while maintaining its performance integrity and its relevancy to your missions. This, we hope, will allow us to extend the life of our partnership well beyond years, for decades to come.



WHO WE ARE

Leonardo is one of the top ten players in the world in Aerospace, Defense and Security, with revenues of \$12 billion and a team of 46,000 employees, including 6,500 in the US. We have a strong industrial footprint in Italy, the U.S. and U.K. We are a partner of choice for governments, institutions and armed forces, as well as for private customers. We deliver products and integrated solutions based on cutting-edge technologies to strengthen global security and to protect people, infrastructures and information networks. We ensure that customers obtain the most value from our systems through innovative support and training services. Leonardo is globally recognized as a leader in the design, engineering, manufacturing and commissioning of Land Mobile Radio (LMR) critical communications systems. We provide secure, integrated, reliable and interoperable communications solutions for DMR, TETRA and P25 in over 50 countries, including the United States, Canada and Mexico. With over 100 years of experience, always hallmarked by innovation, we act as both a technology provider and system integrator to deliver turnkey solutions serving military, public safety and emergency services, civil protection agencies, transportation bodies, institutional customers, utilities and homeland security authorities. Our integration platforms, devices and applications satisfy our customers' most challenging requirements.

U.S.-BASED LAND MOBILE RADIO OPERATIONS AND SUPPORT

Operating from Overland Park, Kansas, our engineers, technical experts, and logistics team are supporting North American LMR customers and resellers from the "heartland," managing system design, engineering, integration, installation and training. We provide 24/7 technical support, along with a robust inventory of finished goods and spare parts.

It is our goal to ensure our customers and partners obtain the most value from our systems through innovative support and training. Customer support and service is what separates us from the competition. From the proposal phase through ordering and installation to post commissioning support, you will not find a more dedicated group of professionals committed to our customer success than the Leonardo Team.

OUR PORTFOLIO OF PROVEN LMR SOLUTIONS

We Employ the Power of Open Standards to Meet Your Unique Needs

Leonardo LMR technologies offer flexible, scalable, customizable and reliable solutions shaping the future of critical communications networks. We proudly support critical missions in over 50 countries with partnerships, performance and peace of mind.

Instead of using proprietary technologies, we build our networks on open standards that allow us to use multiple brands and products.



This gives you more choices and allows us the flexibility to design the optimal network for your specific needs and circumstances, including legacy equipment and budget. Our infrastructure supports handhelds, portables, and consoles from the brands below, so you can build a reliable, scalable, redundant, and adaptable network that fully supports your users and community.



WE WORK WITH THE HIGHEST QUALITY MANUFACTURERS

- | | | |
|--------------|-------------|--------------------|
| › Avtech | › Kenwood | › Tait |
| › EF Johnson | › Mindshare | › Zetron |
| › Harris | › Motorola | <i>And more...</i> |

ECOS-D BASE STATION: THE MAGIC BEHIND OUR SUCCESS

Supports Analog, DMR and P25 Solutions

Leonardo's extended communications system—digital (ECOS-D) multi-mode technology is designed to deliver reliability, adaptability, and scalability to organizations with critical communications needs such as utilities, transportation, oil & gas, fire services, emergency responders, law enforcement and large enterprises.

ECOS-D BENEFITS

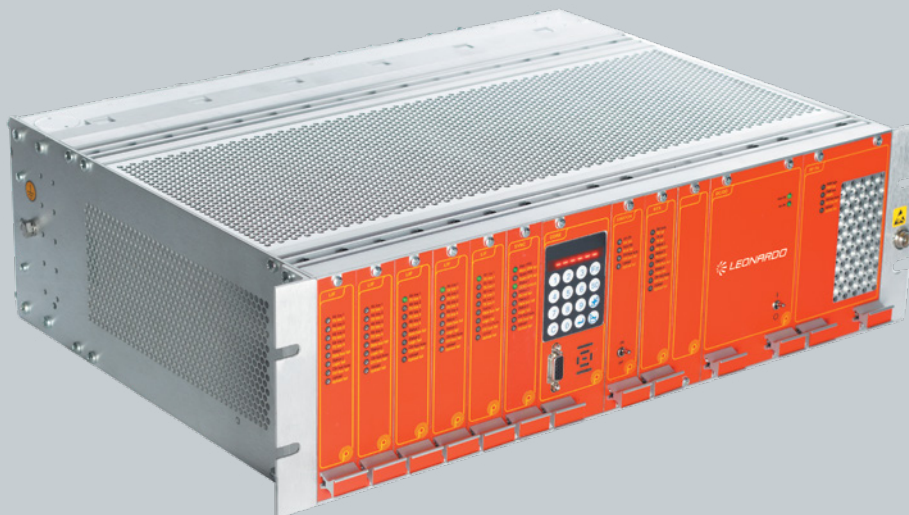
- › Flexible, software-defined RBS 4000 base station to meet your current and future needs
- › Multiple modes and architectures all in one radio base station
- › Integrated voice and data application system
- › Multi-mode system available as analog, DMR II/III and P25 Phase I
- › Designed for maintainability
- › Resilient, self-healing and distributed control
- › Standards-based (P25 & DMR) open system platform providing users choices in applications and end user terminals that suit your needs and budget
- › Scalable and flexible to meet urban, suburban and rural applications

ECOS-D PERFORMANCE

ECOS-D is a powerful, software-defined technology. Operating modes include analog conventional, DMR Tier II and III, and P25 Phase 1. Users configure ECOS-D to operate in the mode that suits their needs. ECOS-D can be configured as a single site, simulcast, multicast or hybrid architecture. All modes and architectures are included in the same Radio Base Station. Users configure the combination of operating mode and architecture that suits their needs. ECOS-D is a self-healing system designed with inherent resiliency.

ECOS-D has the unique ability to operate in simulcast mode with the same radio base station (RBS), which can be configured to play different roles in the system. The ECOS-D simulcast solution incorporates the voting, synchronization, and equalization inside the RBS—no need for external boxes and devices.

ECOS-D provides the ability to integrate voice and data applications independent of the technology access using industry open standards. ECOS-D provides the opportunity to integrate wireless narrowband mission critical data systems with broadband non-mission critical systems such as 4G /LTE with Leonardo's Communications Service Platform (CSP).



OUR PEACE OF MIND GUARANTEE IS THE BOLDEST IN THE LMR INDUSTRY

In critical communications environments, our mission is to build the best network for our customers that allows for the maintaining of its integrity over time. This is one of the advantages that sets us apart from manufacturers who choose to make their products inherently obsolete after only a few years. To help support our communities and nation long-term, we offer the strongest promises in the LMR industry, the Leonardo Peace of Mind Guarantee.

PEACE OF MIND GUARANTEE DETAILS

10 YEAR NON-OBSOLESCENCE GUARANTEE

Many manufacturers, to boost sales and raise profits, rely on planned obsolescence which forces customers into purchasing costly upgrades or, more likely, a completely new system. This is enormously frustrating to customers and represents a hidden cost to total ownership.

At Leonardo, we have a much different philosophy. We believe that customers have the right to know that the system they purchase today will be operable and expandable for the next 10 years of ownership. Therefore, Leonardo is offering a 10-year Non-Obsolesce Guarantee on our products.

During the first 10 years of ownership, we guarantee forwards and backwards compatibility on our solutions. If a customer needs to expand their system, or if a base station fails and cannot be repaired, we will guarantee that the new base station will be compatible with the existing system in place—or we will replace all the base stations at our cost.

We want our customers to have peace of mind that when purchasing a Leonardo solution, they are also getting a long-term partner committed to their success that goes far beyond industry standards to keep you operational. Your mission is our mission!

5-YEAR PARTS & LABOR WARRANTY

Leonardo's commitment to total customer peace of mind extends to our 5-year parts and labor warranty. All Leonardo base stations purchased in the United States are warranted for a period of five (5) years from the purchase date against defects in materials and workmanship—the best in the industry! It is two years more than industry standards and demonstrates our commitment to our customers and confidence in the quality of our product. In the event of failure, we will repair or replace your system with a new or reconditioned unit of the same or similar design at no cost.

LEONARDO IS COMMITTED TO INTEROPERABILITY AND OPEN STANDARDS

Many manufacturers are notorious for limiting features of their base stations to preclude customers from purchasing from other manufacturers. They drive sales of their own products versus allowing customers to have the flexibility to select products they currently have or want.

Leonardo's philosophy is rooted in the strong belief that more choices translate to better value at better prices. As a founding member of the DMR association who believes strongly in open standards, we are fully committed to interoperability. We are an industry leader in the number of interoperability certifications—currently at 19 and growing. We strive to work with all industry manufacturers to ensure that our customers have the greatest flexibility in designing a complete critical communications solution with Leonardo's DMR infrastructure at the core.



10-Year Non-Obsolescence Guarantee

5-Year Parts and Labor Warranty

Committed to Interoperability
and Open Standards



LET'S TALK ABOUT A PLAN TO MODERNIZE YOUR CRITICAL COMMUNICATIONS NETWORK

A Conversation with a Leonardo Land Mobile Radio Specialist Can Set You on the Right Path

The dependability and integrity of critical communications has a direct impact on the safety and prosperity of the world. If your critical communications networks are outdated, need updating or near end-of life, it's time to assess needs and move forward with plans to modernize for stability and growth. Whether you need to start from scratch or upgrade using legacy equipment, Leonardo's flexible communications network solutions will allow you to rejuvenate your systems, your missions and your peace of mind.

For more information visit leonardocompany-us.com. To speak with a Leonardo Communications specialist, email LMRSales@leonardocompany-us.com.

Consult with an LMR Specialist

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