



# ENABLING ALWAYS-ON CONNECTIVITY

Powering Seamless Connectivity Today For A Smarter Tomorrow





# EXECUTIVE SUMMARY

02

## Our Technology

Hardware agnostic SD-WAN  
Proprietary WAN aggregation  
protocols with adaptive  
encryption and flexible VPN  
provide uninterrupted, high-  
speed, resilient data transfer

04

## Our Bondix License Plans

Tiered  
IoT/Standard/Ultimate/OEM  
licenses scale from edge devices  
to global enterprise deployments.

06

## A Way Forward

Phased implementation: needs  
assessment → pilot →  
commercial agreement → rollout.

01

## Who is Bondix

Global connectivity innovator  
specializing in enterprise-grade  
WAN optimization and network  
resilience solutions

03

## Our Core Features

Seamless failover, packet  
duplication, real WAN  
aggregation and intelligent QoS  
ensure 99.99% uptime and  
mission-critical reliability.

05

## Use Cases

Bondix provides always on  
connectivity for Digital Twins,  
Robots, autonomous, vehicles,  
agriculture, logistics, emergency  
services and mining. Wherever  
low latency ultra-resilient  
connectivity is required.

07

## Resources

Dedicated technical contacts and  
additional resources

“Industry 4.0 demands always-on connectivity. Private 5G and edge intelligence are redefining mission-critical operations in mining, construction, and smart infrastructure.”

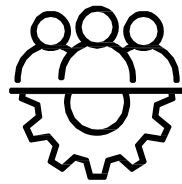
– Helsinki Airport Case Study, Cellnex EDZCOM





# WHO IS bondix<sup>®</sup>

by SIMA



## What We Do

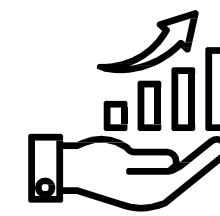
Bondix by SIMA GmbH (Germany) develops lightweight, hardware-agnostic software that bonds multiple internet connections into a single, ultra-reliable virtual WANlink.”  
We enable high-speed, low-latency connectivity without proprietary hardware upgrades.



## Where We Are

Global disruptor in SD-WAN Bonding (based in Germany)

- Trusted by leading router manufacturers (e.g., Teltonika, Digi International, Advantech.
- Scalable solutions: Docker containerization and adaptable hardware
- 70+ years expertise, partnerships across 42 countries



## Where we are going

The Future of Intelligent Connectivity

- Smart QoS: AI-powered, real-time bandwidth optimization
- ProactiveGuard AI Alerts:
- Performance Assurance Guarantees (PAG): SLA-exceeding reliability metrics
- New OEM partnerships
- Bondix Global Cloud: Scalable hybrid and cloud-hosted solutions



## Our Competitive Advantages

Bondix WAN bonding stands out with its multi-platform compatibility . It excels in providing seamless failover and low-latency high bandwidth, performance, crucial for mission-critical operations.

Pioneering Software-Defined WAN Bonding Solutions Since 2017



# OUR **bondix**® OPTIMISED OEM PARTNERS



Headquartered in Kaunas, Lithuania, with a global operational footprint across 21 countries, Teltonika Networks engineers industrial-grade IoT connectivity solutions for critical infrastructure applications. The company designs and manufactures robust routers, gateways, and modems that enable secure machine-to-machine communication in demanding environments



Based in the UK, but with customers all over the world including Defence, Police and Broadcast. Mediaport Systems designs and manufactures products that address the challenges of delivering ad-hoc, wide area connectivity for mission-critical applications, with emphasis on performance, utility, and security



Headquartered in Hopkins, Minnesota, with operations spanning 21 countries, Digi International specializes in industrial IoT connectivity solutions for mission-critical infrastructure. The company designs and manufactures ruggedized cellular routers, gateways, and embedded modules that enable secure machine-to-machine communication.



Headquartered in Taipei, Taiwan, with operations spanning 92 cities across 21 countries, Advantech delivers industrial IoT hardware and automation solutions for intelligent infrastructure. The company designs and manufactures embedded computing platforms, and edge AI systems that enable secure machine-to-machine communication

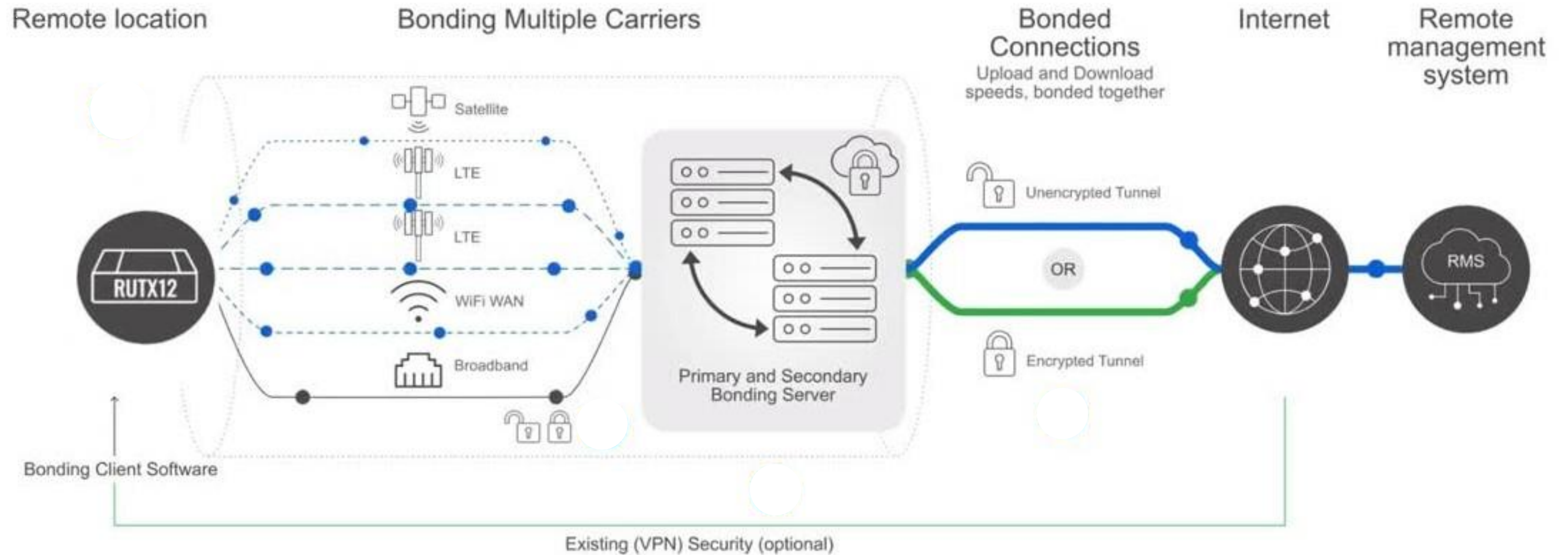
An ever expanding ecosystem of Bondix OEM partners



" The integration of Bondix's software with our routers transforms standalone hardware into adaptive solutions capable of meeting mission-critical demands"

-Andrius Unikas, Head of Strategic Partnerships at Teltonika Networks

# OUR TECHNOLOGY





# OUR CORE FEATURES



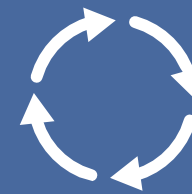
## Hardware-Agnostic

Integrates with existing OpenWRT routers and “Bondix Optimised” for OEMS including Digi International, Teltonika, Advantech and others. w Scales across fleet vessels, port infrastructure, and IoT sensors.



## Multi-WAN Aggregation

Bondix combines any WAN ie Satellite, 4G, 5G, WiFi and cabled connections into a single high-bandwidth, low latency pipeline, critical for digital age IoT operations. Maximizes throughput while maintaining failover resilience



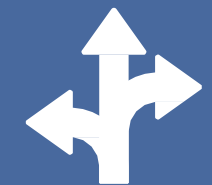
## Seamless Failover

Ensures continuous network availability by maintaining active connections across all WAN links, instantly switching to backup interfaces like cellular, satellite, or fiber if the primary link fails—eliminating any downtime even during WAN outages



## Packet Duplication

Reduces latency spikes during satellite handoffs or cellular congestion, and replicates packet streams maintaining stable VoIP/video feeds between vessels and logistics hubs. Distributes bulk data across secondary links while prioritizing operational traffic



## Intelligent Quality of Service

Dynamically prioritizes network traffic and allocates resources via customizable rules (packet type, IPs, ports, DSCP). Ensures mission-critical apps (VoIP, video) bypass congestion with reserved bandwidth and priority scoring.

Future-proofing digital and IoT networks, one connection at a time.



“Real-time data isn’t optional—it’s survival.

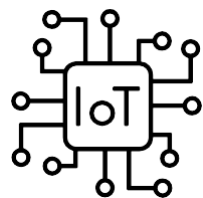
IoT-enabled smart containers reduce insurance claims by 25% through  
condition monitoring.”

– Inmarsat Maritime Whitepaper



# OUR **bondix**<sup>®</sup> LICENSE PLANS

\*Listed Prices are VAT Exclusive and per annum



IoT  
20 mbps

starting at  
**\*€59**

Self Hosted Server  
4 Bonded WAN  
VPN Agnostic  
Encryption  
Floating License



Standard  
100 mbps

starting at  
**\*€135**

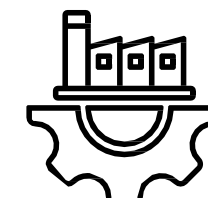
Self Hosted Server  
4 Bonded WAN  
VPN Agnostic  
Encryption  
Floating License



Enterprise  
200 mbps

starting at  
**\*€199**

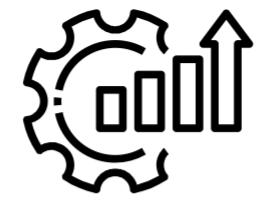
Self Hosted Server  
4 Bonded WAN  
VPN Agnostic  
Encryption  
Floating License



Ultimate  
500 mbps

starting at  
**\*€299**

Self Hosted Server  
6 Bonded WAN  
VPN Agnostic  
Encryption  
Floating License



OEM  
1000+ mbps

contact us  
**\*€?**

Self Hosted Server  
6 Bonded WAN  
VPN Agnostic  
Encryption  
Floating License

Transparent, Flexible Pricing Built for Agile Use Cases



“By 2025, over 50% of freight transactions will be digital-first,  
driven by IoT, AI, and real-time data connectivity.”

– Sedna Maritime Technology Report

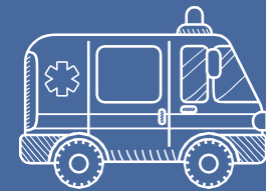


# USE CASES



## Mining and Industrial Applications

Remote Monitoring / CCTV  
Remote Piloting Heavy Machinery  
Drone UAV Connectivity BLOS  
Mine OPS and Sensors  
Comms Trailer Connectivity  
Communication Huts and Towers  
Push to Talk Comms



## Emergency Services

Computer-Aided Dispatch (CAD) Systems  
Real-time Video Streaming  
In Vehicle Mobile Data Terminals (MDTs)  
Telemetry for Patient Monitoring (Critical Care Transport)  
Inter-agency Communication Networks  
Temporary Network Setups for Disaster Response



## Retail and Branch Connectivity

Point of Sale (POS) Systems  
Inventory Management  
Digital Signage and Advertising  
Customer Wi-Fi  
Security and Surveillance  
VoIP and Communication Systems  
Cloud-Based Applications  
Smart Locks and Access Control  
People Counters



## Robotics and Manufacturing

Remote Monitoring and Control of Robotic Systems  
IoT and Sensor Integration  
Inter-Site Communication  
Video Conferencing and Remote Collaboration  
Autonomous Systems Connectivity  
Cloud-Based Applications



## Broadcast and Video Streaming

Live Event Video and Audio Streaming  
Field News Reporting  
Mobile Production Units / Trailers/OB Vans  
Remote Production and Control  
Contribution Streaming Platforms ie Twitch and You Tube  
Emergency Disaster Coverage  
Aerial and Drone Based Filming

Future-proofing digital and IoT networks, one connection at a time.





# USE CASES



## Maritime and Logistics

Vessel Tracking and Fleet Management  
Remote Monitoring of Cargo  
Predictive Maintenance for Ships and Equipment  
Real-time Data Analytics for Route Optimization  
Secure Communication for Crew and Operations  
Autonomous Vessel Operations  
Port and Terminal Operations Management



## Defence and Law Enforcement

Secure Communication Networks  
Real-time Intelligence Gathering  
Remote Command and Control  
Battlefield Internet  
Mobile Command Units  
Drone and UAV Connectivity  
Beyond Line of Sight (BLOS)  
Push-to-Talk and Tactical Communications



## Farming and Agriculture

Remote Monitoring  
Precision Agriculture  
Drone Connectivity  
Machinery Communication  
Rural Internet Hubs  
Push-to-Talk  
IoT Networks  
Autonomous Farm Equipment  
Remote Controlled Irrigation Systems



## Smart City Infrastructure

Traffic Management and Control  
Public Safety and Surveillance  
Environmental and Utility Monitoring  
Smart Utilities and Infrastructure  
Public Wi-Fi and Digital Inclusion  
Transportation and Mobility  
Smart Buildings and IoT Integration



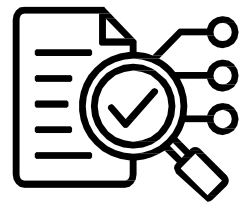
## Energy Remote Monitoring

Real-Time Monitoring  
Predictive Maintenance  
Weather Adaptation  
Grid Integration  
Field Operations  
Maintenance Drone Operations  
Remote Control and Orientation of Assets  
Remote Surveillance and Security

Unleashing Connectivity: Fusing Networks for Unbreakable Digital Highways



# A WAY FORWARD



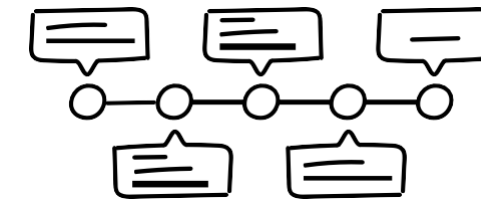
## Strategic Needs Assessment & Solution Exploration

Conduct joint discovery workshops to map operational pain points, logistics infrastructure, and long-term objectives, aligning Bondix's capabilities with prioritized challenges and opportunities



## Preliminary Value-Based Pricing Framework

Develop tiered pricing models reflecting our customers' scale, geographic scope, and integration complexity, anchored in cost-benefit analysis and shared ROI projections



## Collaborative Solution Validation Pilot

Execute a time-bound proof of concept across chosen supply chain nodes, measuring efficiency gains, system interoperability, and scalability with predefined KPIs and negotiated commercials.



## Structured Partnership Agreement Finalization

Forming strategic partnership to accelerate goals and expand market reach. Negotiate commercial terms, governance protocols, and risk-sharing mechanisms through phased legal and financial reviews

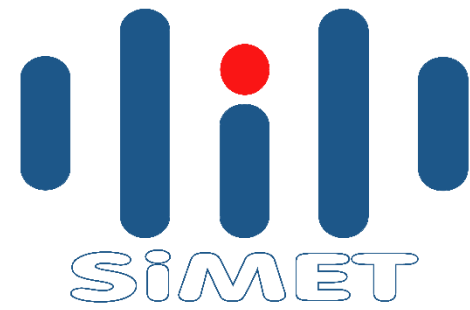


“The fusion of hybrid cloud, IoT, and heterogeneous networks demands infrastructure that’s both resilient and adaptable – this is where Bondix becomes mission-critical. We future-proof the digital age – by making the network itself as intelligent as the machines it serves.”

- Martin Santner (Founder Bondix by SIMA)



# CONTACTS



SİMET

[satis@simet.com.tr](mailto:satis@simet.com.tr)

[www.simet.com.tr](http://www.simet.com.tr)



SİMA

[sales@simagmbh.de](mailto:sales@simagmbh.de)

[www.simagmbh.de](http://www.simagmbh.de)