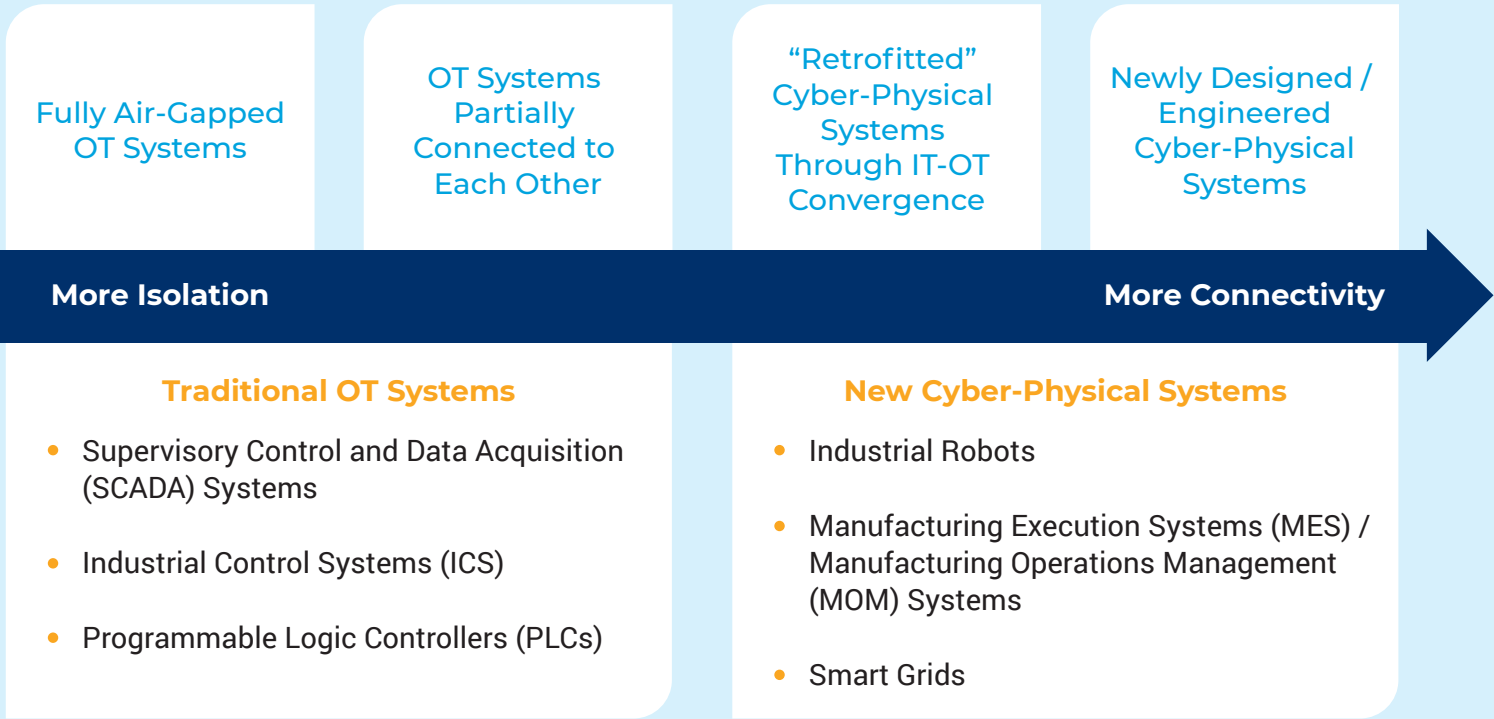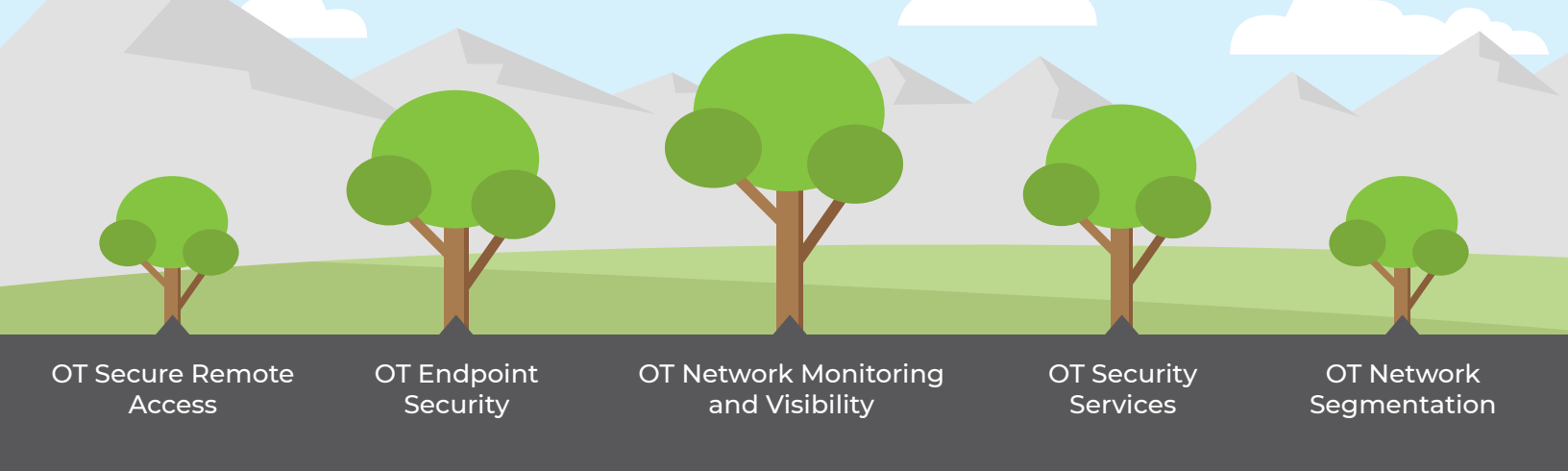# What's Driving OT Cybersecurity in 2021?

The operational technology (OT) security market is in transition. According to Gartner, by year-end 2023, 60% of today's point solution OT security providers will have been rebranded, repositioned or bought, or will have disappeared.

The Evolution of OT Systems

Fully Air-Gapped OT Systems	OT Systems Partially Connected to Each Other	"Retrofitted" Cyber-Physical Systems Through IT-OT Convergence	Newly Designed / Engineered Cyber-Physical Systems

More Isolation ———————————————————————→ **More Connectivity**

Traditional OT Systems

- Supervisory Control and Data Acquisition (SCADA) Systems
- Industrial Control Systems (ICS)
- Programmable Logic Controllers (PLCs)

New Cyber-Physical Systems

- Industrial Robots
- Manufacturing Execution Systems (MES) / Manufacturing Operations Management (MOM) Systems
- Smart Grids

The Current Vendor Landscape

OT Secure Remote Access	OT Endpoint Security	OT Network Monitoring and Visibility	OT Security Services	OT Network Segmentation

Emerging Trends

Discovering, profiling, tracking and managing assets to detect cyber and operational anomalies is **main driver of OT security purchases.**

As vendors advance their OT-specific active capabilities, SRM leaders are starting to **blend passive and active security techniques** for deeper asset visibility.

As the market matures, **narrow scope point solutions will be challenged.**

Acquisitions and partnerships in OT security products are accelerating.

4 TIPS
to Help Future-Proof Your OT Security Strategy

1 Reassess your organization's OT security vendor landscape to align with evolving market dynamics.

2 Determine your current risk posture by identifying, classifying and managing devices on your OT networks.

3 Align and integrate cybersecurity strategies of IT and OT teams to advance overall organizational security.

4 During PoVs, use requirements that will accurately assess an OT vendor's maturity and suitability for your business.

To learn more about the current and future state of the OT cybersecurity market, download the complete Gartner Market Guide for OT Security.

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