



# EXTEND ENTERPRISE-GRADE SECURITY TO YOUR PRIVATE 5G & LTE NETWORKS

## Accelerate 5G innovation without security compromises

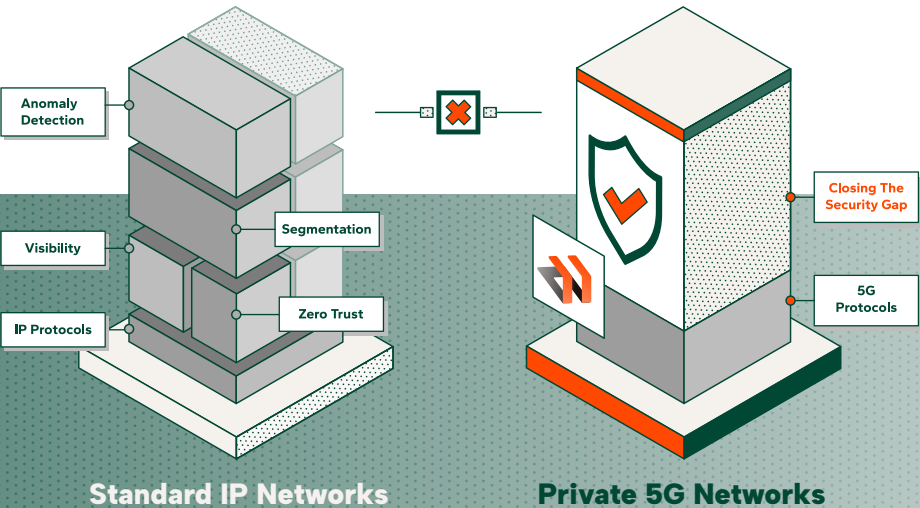
New IoT use cases and lower barriers to entry are leading many enterprises to implement private 5G networks alongside their existing IT and OT networks. But while 5G unlocks tremendous business value, it also creates an entirely new set of challenges for security teams.

The fundamental differences between cellular and IP networks render most traditional enterprise security tools and practices ineffective. At the same time, 5G networks introduce new risks in the enterprise setting, including: that all activity originates from a single IP address. This renders existing security monitoring workflows ineffective. In addition, in many scenarios, cellular routers are used to support non-cellular ready device's connectivity to the cellular network, with no visibility of the devices behind them.

- Greater prevalence of IoT devices with less rigorous security standards
- New types of cellular-specific attack vectors and techniques
- Limited ability to analyze network activity for possible threats
- No context-based policy controls to govern usage and prevent lateral movement
- IT and security team knowledge gaps with cellular technologies

## Extend your enterprise security capabilities to 5G networks with the OneLayer Security Platform

The OneLayer Security Platform enables enterprises to harness the power of 5G securely by extending security visibility and Zero Trust Architecture policies to 5G infrastructure. OneLayer makes it easy to discover, assess, and secure 5G device activity by providing the critical missing link between the cellular packet core and your existing enterprise architecture.



### Benefits



Eliminate 5G network monitoring blind spots



Detect and remediate 5G device vulnerabilities quickly



Reduce risk by limiting security breach exposure



Improve team efficiency and incident response time



Monitor cellular device location and device inventory

# SECURE YOUR PRIVATE 5G NETWORKS SYSTEMATICALLY



OneLayer's systematic approach gives you everything you need to extend your enterprise security tools and best practices to private 5G networks.

## Discover

Capture detailed device attributes and activity details for all 5G-connected devices through OneLayer's direct integration with leading cellular core technologies.

## Enforce

Convert validated policies to enforcement mode to tightly limit device-level communication and prevent unauthorized lateral movement.

## Classify

Enrich existing security tools and simplify policy creation by automatically fingerprinting devices and classifying them by type, state, risk posture, and more.

## Alert & Validate

Activate segmentation policies and get alerts to your existing security monitoring tools to enable immediate response without disrupting critical business functions.

## Create Policies

Create Zero Trust segmentation policies to govern the flow of data between individual devices, device groups, or device types.

## INTERESTED IN LEARNING MORE?

Visit [one-layer.com](https://one-layer.com) to schedule a personalized demo, or write to us at [contact@one-layer.com](mailto:contact@one-layer.com)