LOGICALIS
Architects of Change

CISCO
Partner
Global Gold Integrator

Take the Complexity Out of Private 5G with Logicalis and Cisco

Fuel productivity, create more efficiency, and power the next phase of digital transformation.

Much as the cloud transformed productivity in the IT space, IoT is set to fundamentally transform industries by digitalizing Operational Technology (OT). At the center of this transformation lies hybrid work: accelerating productivity by connecting everyone and everything through the network.

To drive this technological shift, enterprises will need to leverage networks that deliver high bandwidth, low latency, higher availability, and increased visibility.

5G offers this level of connectivity, but it is complex, and communication service providers (CSPs) lack the flexibility needed to scale and meet the increasingly custom needs of new enterprise use cases – which is why many enterprises are turning to private 5G.

Though still in its early stages, private 5G opens the door to swaths of new technologies and use cases, including industrial equipment and asset tracking, factory floors, supply chains, remote sensors, customer engagements, and more. Properly leveraged, private 5G can generate significant productivity and efficiency gains, but organizations must still strike a balance between the benefits it offers and the realities of purchasing, operating, and maintaining such a network.

For these reasons, it is important to choose the right vendor and the right IT solution provider to help deploy, manage, and maintain a private 5G solution.

Private Network Services from Logicalis + Cisco

Logicalis provides a subscription-based, full-stack private 5G network solution that is delivered as a service and integrated with Cisco networking and security technologies at the core.

Our Private Network Services enhance overall connectivity, easing reliability, security, bandwidth, and availability concerns, ideal for distributed operations or IoT-heavy environments.

Together, Logicalis and Cisco can provide organizations like yours with all the benefits of a private 5G network, without the risk of heavy upfront capital expenditure (CapEx).

Private 5G: Benefits and Use Cases

Private 5G is cheaper, more flexible, and less complex than wired networks, it can replace aging technology, improve performance, efficiency, and productivity, and it can enable a host of entirely new applications and use cases.

Over time, as automation and the need for increased data processing requirements increase, the need for high-bandwidth, low-latency networks will also grow.

Today, private 5G is used for IoT applications that include industrial equipment, sensors, location services, and it will soon be used to help develop emerging applications such as autonomous vehicles, drones, robotics, AR, and VR. As a complement to all versions of Wi-Fi, including Wi-Fi 6 and 7, private 5G is suitable for outdoor applications that require a wider coverage than Wi-Fi can provide, or to indoor applications that require a dedicated, licensed spectrum.

Early adopters of 5G will have the ability to develop new applications before competitors and even gain an edge.

Manufacturing, mining, oil, gas, transport and logistics, and other industrial sectors are making the most use of private 5G, but as new use cases and technologies are introduced, other sectors, such as healthcare and the public sector, will increase their share.

Manufacturing/ Industrial IoT
- Automated Guided Vehicles
- Robotics
- High-Speed Software Downloads
- AR/VR

Logistics/Distribution/ Warehouse
- Automated Guided Vehicles
- Asset Tracking
- Distribution Line

Mining, Oil, and Gas
- Automated Guided Vehicles
- Autonomous Vehicles
- Automated Asset Tracking
- Improved Worker Safety

Energy and Utilities
- End-to-End Smart Grid Infrastructure Management
- Fully Automated Smart Meter Reading

Hospitality and Venue
- Ultra-Fast Mobile Connectivity in Dense Environments
- Enchanced Video Streaming
- AR/VR
- Facility Monitoring/ Security

Cisco Private 5G

Simple to start. Intuitive to operate. Trusted to work.

Cisco, a global leader in networking and connectivity solutions, is pioneering a future-ready private 5G solution that delivers several business benefits and unique advantages. Offered on a consumption-based model, with hands-on deployment and management support from trusted partners such as Logicalis, Cisco Private 5G is simple to start, easy to operate, and trusted to work.

Broad Device Support

4G and 5G Handhelds, AVG/AMR, Cranes, Industrial Routers.

Flexible Deployment

Indoor/Outdoor Hybrid Cloud (cloud managed: critical components on-premises).

Broad Use Case

Support across industry verticals.

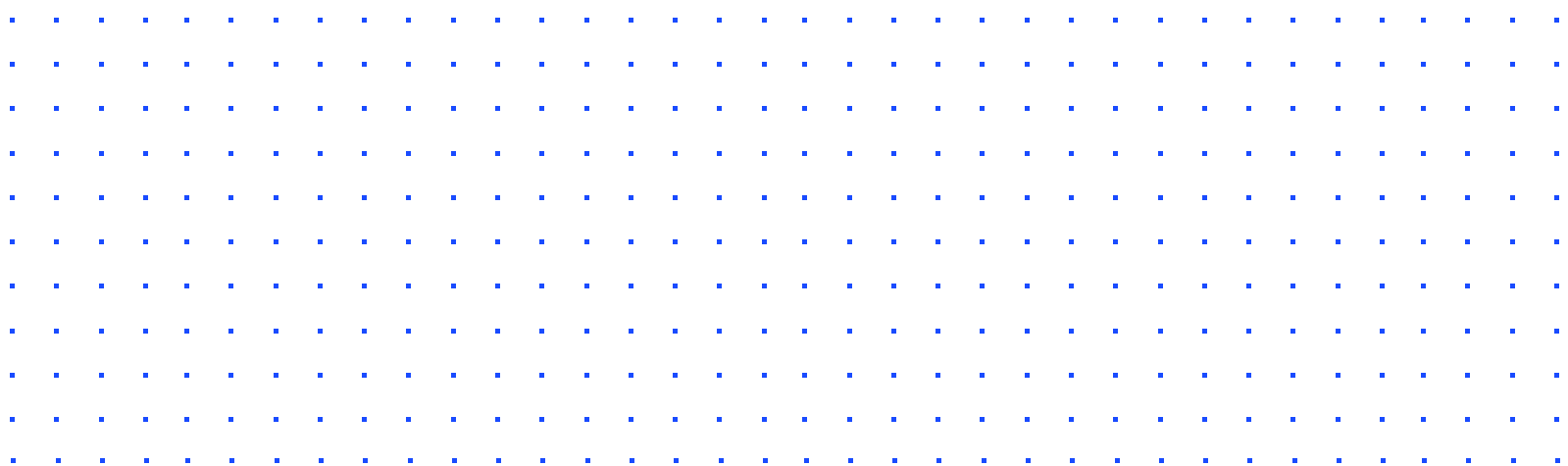### Enterprise Portfolio Integration

Cisco Private 5G integrates seamlessly with their portfolio of networking, security, and identity solutions.

Complementary to Wi-Fi

Seamless integration with Wi-Fi networks enables pervasive mobility.

No Financial Risk

Delivered as a consumption-based, scalable service offering.

Single Pane of Glass

Only Cisco provides a single management system for both network and device visibility and control.

Identity Management

Integration with Cisco Identity Services Engine provides common unified policy and identity management.

Cisco Private 5G is a full-service offering that grants access to private 5G's performance, cost, and efficiency gains today – without the technological, operational, or financial risk – while paving the way for innovative, cutting-edge applications tomorrow.

Tap into the Power of Private 5G with Logicalis and Cisco

As one of the first Cisco partners to provide private 5G as a service, Logicalis combines deep expertise with Cisco networks and its award-winning managed services — backed by an industry-leading ecosystem of carrier services — to deliver a full-stack, subscription-based Private Network Services solution for 4G and 5G. We are ready to meet your specific needs and use cases, whether you are in manufacturing, warehousing and distribution, mining, oil, gas, the public sector, or any other industry.

To find out more about Cisco Private 5G and Logicalis' Private Network Services, schedule a complimentary executive briefing today. We will be happy to take a deep dive into Cisco's solution, how you can leverage it in your business, and how our team of Cisco specialists can help you maximize the returns on your investment in private 5G.

Schedule Your Complimentary Executive Briefing
logicalis-hub.com/cisco

Deep connectivity expertise with over 20 active field trials that support automated meter reading, oil and gas, and vehicles and feature considerable expertise in Evolved Packet Core design and carrier deployment.

Our award-winning Global Services Organization provides one-stop managed cloud, connectivity, collaboration, and security services across your digital ecosystem, via a digital AI-based platform, that helps you focus on your mission while we deliver technology outcomes that help you succeed.

Expansive ecosystem development as Logicalis has teamed with industry-leading Radio Access Network (RAN), Evolved Packet Core, and User Equipment providers, as well as numerous global providers who can deploy macro-cell (towers) both indoors and outdoors.

Hefty 5G experience through the acquisition of Siticom in Germany and its 100+ advanced 5G employees, as well as carrier industry veterans with Private 4G/5G deployment experience and deep knowledge of Evolved Packet Core. Together with Logicalis Global Services Organization, we can provide a more holistic offering to customers.

One of just five Cisco Global Gold partners — and one of two Cisco partners authorized to provide private 4G/5G as a service in the US — Logicalis has deep Cisco expertise and support.

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