LOGICALIS
Architects of Change

CISCO Partner
Global Gold Integrator

Datasheet

Private Wireless Services

Logicalis combines its Cisco networking expertise and its award-winning managed services—with an industry-leading ecosystem of carrier services—to deliver a full-stack, subscription-based Private Wireless Services solution for 4G/5G.

Today's enterprises seek 5G technology to further their digital transformation and capture the promise of Industry 4.0 and many are considering a private 5G network to address their need for clean-spectrum high bandwidth, low latency, higher availability, and increased visibility.

These companies must strike a balance between the benefits of a private 5G network and the realities of purchasing, operating, and maintaining it. In most cases, most enterprises prefer to focus on their core business rather than get into the business of operating a private 5G network.

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 Wireless Services solution for 4G and 5G.

Private Wireless offers significant benefits to a range of industries and use cases where Wi-Fi is spotty or otherwise unavailable. These environments typically use WLAN and have multiple applications within a wide area deployed, but where Wi-Fi and public networks aren't options due to reliability, security, bandwidth, and availability concerns. At the same time, private 5G doesn't replace Wi-Fi, it complements it.

But planning and deploying a best-in-breed, subscription-based private 5G network requires significant multi-vendor technology and integration skills.

Logicalis Integrates Cisco networking and security technologies with a growing 5G ecosystem

As the first Cisco partners authorized to deliver private 5G as a service, Logicalis is an expert at integrating 5G with Cisco networking and security technologies at the core and delivering it as a service.

Logicalis has also teamed with industry-leading, Cisco-certified Radio Access Network (RAN), Evolved Packet Core, and User Equipment providers, as well as numerous US providers who can deploy macro-cell (towers) both indoors and outdoors. This is an ecosystem that is continuing to grow, giving you added deployment flexibility.

The solution enhances your overall connectivity, easing reliability, security, bandwidth, and availability concerns and making it ideal for distributed operations or IoT-heavy environments.

Delivering clean, secure, reliable 5G with budget predictability

Logicalis offers a flexible service that meets a variety of entry points and use cases. With an intuitive interface, existing IT/OT teams can provision, modify, view, scale, upgrade, and roll back their services. The Logicalis bundled service rolls software and services into a monthly pay-as-you-go-and-grow financial model that includes 24/7 service and secure with automatic upgrades/updates, key features include:

- Clean spectrum and consistent reliable coverage
- Enhanced broadband with extended coverage (indoor and outdoor)
- Fast handoff between radios
- Ultra-low latency and high availability
- Familiar, easy-to-use interface

Why Logicalis?

- **Deep connectivity expertise –** Logicalis has over 20 active field trials featuring considerable expertise in Evolved Packet Core design and carrier deployment.

- **Award-winning Global Services Organization (GSO) –** Logicalis delivers a "one Logicalis" customer experience with the same consistent services no matter where you're located.

- **Expansive ecosystem development –** 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 our acquisition of Siticom and its 100+ advanced 5G employees, Logicalis has carrier industry veterans with Private 4G/5G deployment experience and deep knowledge of Evolved Packet Core to provide a more holistic solution offering .

- **Unique Cisco partnership –** As one of just five Cisco Global Gold partners—the first Cisco partners authorized to provide private 5G as a service, as well as private 4G—Logicalis has deep Cisco expertise and support.

Services

- **Logicalis Professional Services –** Provides site evaluation, engineering, and implementation including site preparation, ordering, organization of the spectrum, SIM management, staging, profile creation, core and RAN installation, core NF configuration, and pre-launch solution validation.

- **Logicalis Managed Services –** Provides ongoing support, including SLA management, 24/7 Logicalis Level 1 support and Level 2 and 3 triage and coordination with Cisco, RMA management, solution optimization, application and device integration, customer care and service, spectrum application, end customer service portal, and transport network managed service.

Benefits

- **Lower costs –** Reduce the high cost of individual monthly 5G subscriptions through your telecomm provider, while providing much more reliable service.

- **Better investment protection –** Integrate with your existing Cisco infrastructure and get seamless software and firmware upgrades to eliminate obsolescence and maximize investment protection.

- **Improved reliability –** Enjoy more reliable 4G and 5G connections that drive faster business outcomes with cloud-based configuration and monitoring services across all cellular assets.

- **Greater simplicity and control –** Retain security and control with complete SIM management and greater operational simplicity with service and device visibility by integrating with your Cisco infrastructure.

- **Data security –** Managed and secure your data locally with local connectivity—no worries about data leakage or loss.

If you would like to inquire more about **Private Wireless Services** please contact your Logicalis Account Executive.

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