Starlink's Layer 2 integration allows for secure, private network extensions to remote locations, bypassing public internet. This enables organisations to apply consistent security policies and IP addressing to their remote sites, as if they were directly connected to their Internal Corporate or OT Network.

Major Benefits

Eliminating the Need for VPNs

The Private Network Integration removes the need for VPNs to secure remote connections, as the data is transmitted on private network infrastructure.

Quality of Service (QoS)

The URSYS solution also supports QoS, ensuring optimal performance for critical applications like voice and video even under heavy network load.

Security and Privacy

This approach allows organisations to maintain the same security profiles for their Starlink-connected sites as they do for their terrestrial network (MPLS) locations.

Applications

This technology is particularly beneficial for organisations with remote sites like utilities, mining companies, government agencies, and critical infrastructure providers.

Private Network Integration

URSYS is able to provide private connections over Starlink through established private peering points with Starlink ground-stations, facilitating direct data transfer into their network without traversing the public internet.

Secure Service Lanes

One Starlink can carry multiple secure "lanes" (e.g. corporate IT, contractors, operations) via a single connection. This cuts hardware and site effort, keeps networks separate, and adds new services quickly as needs change.

Data Pooling

The Starlink private service from URSYS will allow clients with multiple terminals to enrol into a data pool for monthly usage. This means that instead of each site needing its own account and therefore, its own data allowance, all sites will be drawing against a pool of data. So, if one site goes over its allowed data limit there is no impact as long as there is sufficient data available across all the services.

In essence, the URSYS Private Starlink solution offers a secure and efficient way to extend enterprise networks to remote locations, simplifying network management and enhancing security.