



# iQuila Enterprise

iQuila is the next step in the evolution of secure global network connectivity. It is a unique AI enabled protocol (VEN), that establishes secure, encrypted Layer 2 connections across any type of standard Internet carrier. Therefore, networks connected using the iQuila VEN (Virtual Extended Network) protocol can deliver unified Local Area Network functionality to geographically diverse resources.

iQuila has more robust security, greater connection speed, stability, and lower latency than any other connectivity solution in the global market.

With iQuila, organizations can empower their assets with real-time, fully encrypted, secure communication channels, even in the most adverse of conditions.

iQuila can handle many thousands of concurrent connections and intelligently manage them, to ensure network resources are well distributed.

The inbuilt AI effectively maintains the highest quality of service to each separate connection at all times, maximising the efficiency across all of its data streams.

## Clustering

The iQuila Protocol was designed to be clustered. Unlike existing WAN clustering solutions, the iQuila cluster functionality can be easily configured to support seemingly complex networks with millions of connection.

Developed with organisational agility in mind, iQuila was designed to enable up to 64 high powered iQuila Enterprise servers in a single cluster that can be spread across multiple data centres, supporting up to 1024 clusters in a super cluster.

iQuila gives you a reliable and robust solution that can handle many tens of thousands of concurrent connections.

- Simple to Deploy
- Fully secure using the latest encryption
- Enjoy speeds of up to 1GBs throughput
- Clients benefit from Full pre-Windows Active Directory Login
- Integrates into AWS, Azure, Google Cloud Platform and many more
- Full Layer2 Support, including multicast traffic
- Carry any VLAN from Office to Office with full IEEE 802.1Q Support.
- Same subnet connectivity, enabling Global DR on demand
- Centralized control and administration of branches and remote workers
- Enjoy the added security with Multi-tier security
- Reduced cost (reduced technical footprint and license requirements)
- Increased productivity (less down time/increased speed)
- Reduced service desk tickets regarding connectivity by up to 80%
- Governance and policy compliance
- Improved working flexibility (remote/home working)
- Seamless and simplified, no user action required
- Flexible home working without compromise
- Legacy support for IPSEC/L2TP / MS-STTM and more

