



Fusion Server Virtual Pathway

Technology/Capability Overview

- The Fusion Server Virtual Pathway provides a centralized storage and management system of your SIM card pool, thus securing your SIMs in one centralized location and allowing ease of maintenance.
- Secure, agnostic, synchronized communications managed virtually from datacenter by priority levels of SIMs, channel hunting, and flexible allocation of any SIM to any Agile gateway/router at any point in time.
- All SIM cards are stored and operated in one central Fusion Server, which provides the necessary SIM data to the remote Agile gateway/router via an IP connection.
- The potential to reduce the number of SIMs needed for fleet operations, depending on usage, and resulting in lower number of billable accounts active.
- The Fusion Server technology has been perfected over the past decade, deployed in over 70 countries around the globe and is ready for use.

System Characteristics/Sub-Systems

- Our central server allows monitoring, updating, maintenance and reconfiguration as needed, remotely. The server holds the actual SIMs for the virtual SIM feature and can hold an unlimited number of SIMs of different countries and carriers for virtual download onto edge gateways that can be located anywhere around the world.
- Our edge LTE gateways have an additional processor that software can be loaded onto for analytics, video compression and distributed processing of data collected at the gateway for filtering and retransmitting the smaller data set upstream for further evaluation.
- The network management system includes fault and security management. Configuration management include bulk installations, automatic update, call home and remote provisioning. Accounting management includes management of call detail records, performance management and extensive customizable statistics.
- Automatic reports and statistic overviews are generated, as detailed log files on SIM unit and control unit is analyzed. Real-time alarm signaling of current status, flexible SIM timer settings and flexible scripting interface populates automatically.

Approach

- The Fusion Server Virtual Pathway simulates real mobile phone user behavior. A single SIM can be used in different locations at different times in the day for voice, SMS, and data.
- With the SIM virtual management over an IP connection, operations are executed consistently and securely with a high level of encryption.
- The Fusion Server monitors every SIM assigned on every edge gateway for connectivity, latency and throughput.
- Intuitive drag & drop Windows allows stress-free use and training.
- Our technology is unique with many features of our software developed as a result of real life in the field experience, globally over a decade.
- The Fusion Server Virtual Pathway offers an economical high performance and flexible solution to connect through the cellular network of multiple carriers in multiple locations.



AGILE ROUTING

Our devices automatically search for the best throughput connection available. There can be a cell tower connection of LTE and as your mobile, if connection is lost, it will automatically connect to satellite. As you continue to be mobile, if the device finds a LTE connection 2 minutes later, it will automatically connect from satellite to LTE, hands-free. The customer does not have to monitor Agile routing.



(202) 827-6301 / SALES@AISINTEROP.COM / AISINTEROP.COM

Bethesda, MD. Sunrise, FL. Berlin, Germany.

AGILE CAGE: 7WTH2* AGILE DUNS: 080324701* NAICS CODE: 334220* GSA MAS CONTRACT NUMBER: 47QTCA19D0052

About Agile

AIS and our flagship product CORE were born out of our own real-world need to rapidly re-establish critical business communications in the aftermath of a hurricane which crippled local infrastructure. With a deep understanding of communications technology, extensive operational experience, and a passionate commitment to supporting our customers, AIS is able to deliver best-in-class interoperable solutions.



Seamless Connectivity

AIS provides interoperable communications solutions that enable public and private organizations to achieve seamless connectivity, even in the most challenging environments.



Industry-Leading Support

From sales through deployment and operation, the AIS team provides the in-depth training, service, and support necessary to ensure our customer's success in real-world operations.



Tailored Solutions

AIS delivers solutions—our engineers design each system to meet our customer's most demanding and specific requirements.

MORE BANDWIDTH LESS EXPENSE!

WE ARE AGILE

We engineer the hardware. We design the software. We build the solution.

AGILE

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