DETASAD's Innovation at the Connected Edge

DETASAD

About DETASAD

» The Saudi Arabia-based ICT services and solutions provider intends to revolutionize the satellite services they offer to their enterprise customers.

» DETASAD currently offers customized ICT design and implementation solutions, corporate networks & connectivity solutions, managed services and operations, as well as data center and cloud solutions.

» DETASAD is committed to supporting the Vision 2030 objectives of the Kingdom of Saudi Arabia, which aims to develop a "sophisticated digital infrastructure".

Customer Challenge

Growing needs of end users for more performance and capabilities

As with most ICT services and solutions providers, DETASAD is continuously challenged by their enterprise customers – whether from the government mining/energy, surveillance, oil & gas, education, banking, finance, or healthcare industry – whose connectivity needs are constantly evolving and growing:

- High performance
- High throughput
- Security
- Flexibility to address old and new applications
- All at a reasonable cost

Moreover, edge compute capability is crucial to reducing latency between data generation and data processing to help local networks run more efficiently, critical decision, and allow customers to generate insights more quickly.

How We Helped

FlexEnterprise provides the foundation for DETASAD innovative solution.

Detasad is creatively combining hardware, software, and connectivity technologies to deliver Smart Capacity Management (SCM), a new patent-pending, AI-enabled low-latency edge solution that meets the changing needs of enterprise customers. The Smart Capacity Management (SCM), features include:

- Combination of AI/machine learning, cloud networking, ground system, and satellite bandwidth.
- Single-box solution that aggregates edge computing hardware, satellite modem technology, IoT, SD-WAN, cloud, and virtualized network functions to meet a variety of application and service needs across multiple business sectors.
- New network-sensing technology that will monitor 24/7 the application requirements, thus, ensuring maximum efficiency of the satellite network and helping to lower customer network operating costs.

INTELSAT
Imagine Here™

Integrating Intelsat's secure FlexEnterprise platform empowers DETASAD to deliver this all-in-one solution to users across the globe. The Flex network delivers a foundation for low-latency, high-compute-power applications that make cloud, IoT and satellite relevant and available for globally distributed "Industry 4.0" applications and verticals like government mining/energy, surveillance, oil & gas, education, banking, finance, or healthcare and security.

Use case: Finance

In a vibrant but still-emerging market, a bank with thousands of branches plans to move all their systems to cloud-based services, straining the ability of their low-capacity connectivity.

With the global availability of the FlexEnterprise network and the DETASAD solution, the bank can increase the throughput available for both existing and new applications, prioritize individual applications based on demand or time of day, maintain regional client records locally, and schedule backups of non-real time data for when the network is not being used by more time-sensitive applications.

Results

Bandwidth-on-demand that responds to end users' real-time application needs

New patent-pending, AI-enabled low-latency edge solution to improve the end-user experience and applications performance

Smart solution that incorporates a new network-sensing technology that will monitor application requirements in real-time and provide self-provisioning facilities for addressing these requirements

Output-driven bandwidth service with guaranteed quality of service and on-demand throughput

Provides 100% "Pay-as-you-Go" on-site service

Do you have mission critical connectivity needs? Contact us: **intelsat.com/product-consultation**