

# SPEEDCAST SIGMA™

## Case Studies



Customers can create, test and deploy new applications and codes instantly. By leveraging extensive cloud infrastructure, SIGMA provides customers a higher quality of service and accelerates the introduction of new solutions.

As an Advanced Tier Services Partner, Speedcast has demonstrated capability and success in delivering multiple cloud-based solutions to customers. Speedcast employees collectively hold more than 30+ AWS certifications and 90+ AWS accreditations, demonstrating the scale of their cloud

expertise, capabilities, and engagement in the AWS ecosystem to deliver unsurpassed knowledge to customers in technology selection, application support, routing and acceleration, and service design. Speedcast is also designated as an AWS Public Sector Partner, validating the company's solutions for their sound architecture and adherence to AWS best practices, which translates into reduced technology risks for customers.

**30+** AWS CERTIFICATIONS | **90+** AWS ACCREDITATIONS

## Chunghwa Telecom is ready for future satellite communications advancements, thanks to SIGMA

As Taiwan's largest telecom, Chunghwa Telecom (CHT) provides satellite services to the government and enterprise market. With a growing number of organizations relying on the company's satellite communication service over the years, CHT needed a network management solution that could meet its customers' needs to support smart operations while delivering a high quality of service.

### SOLUTION

Speedcast SIGMA harnesses the power of diverse communications technologies and integrates these into a fully functional network management solution.



Cloud-based real-time dashboard, offering end-to-end visibility into all remote sites and applications



Automated and efficient management of multiple WAN links



Cybersecurity



VPN between the remote site and headquarters



Manages many transmission paths, including VSAT, 4G/5G and L-band connectivity



Support crew welfare services and BYOD boosts operational efficiency and flexibility



Prioritize interactive and time-critical traffic and define Quality of Service (QoS) directly on the platform

"Speedcast's SIGMA solution is a key component in our satellite communications offerings. SIGMA's cloud capabilities will accelerate our customers' digital transformation journey and open doors to greater business opportunities."

- Deputy Director, Satellite Department

## Leading ship management operator drives direct revenue increase with SIGMA's one-touch network activation

A leading ship management company operates a fleet of more than 35 tankers worldwide. Once they set sail, it is of utmost importance to remain connected with their vessels to monitor operations and crew onboard and make informed decisions. While out at sea, they require the flexibility provided by multiple connectivity paths beyond terrestrial networks to optimize their operations and crew welfare and stay connected.

### SOLUTION

The company implemented Speedcast's SIGMA smart network management platform across the fleet. Not only did SIGMA replace multiple network appliances and remote site equipment onboard, saving precious rack space, but it delivered higher bandwidth capacity and reliability with automatic transmission path configuration. Integrated with Speedcast's global network, SIGMA was able to ensure business continuity and reduce costs for their operations.

### RESULTS

Because SIGMA is designed to easily integrate with a ship's existing network, once vessels were docked, Speedcast's Field Engineers were able to seamlessly install and test the innovative network management platform. More importantly, the pre-configured SIGMA solution saved the IT team half a day of network configuration compared to alternative options. The extra time saved, and improved port call operations allowed the ship to set sail ahead of schedule, equating to direct bottom line savings.



**Improved Productivity:** One-touch activation and management enabling centralized fleet tracking, file synchronization and monitoring all-in-one.



**Increased Flexibility:** Brings secure Internet of Things (IoT) connectivity to the vessels and unparalleled voice services



**Boosted Efficiency:** Virtualization allowing multiple critical applications and services to run on-network as Virtual Machines (VM).



**Reduced Cost:** Cloud deployment reduces IT costs and ensures high performance.



**Simplified Management:** Simplifies administration of crew welfare

“The pre-configured SIGMA saved us half a day of network configuration. If we can sail one day earlier, **we gain \$100,000 nowadays.** Great job!”

- IT Manager

