

## SYSTEMS INTEGRATION

### A Partner for Integrated Satellite Communications Infrastructure and IT Solutions

The process of designing and implementing a reliable communications solution is only half the battle. Today, project managers and IT leaders are faced with integrating diverse technologies and systems across worldwide networks, large fleets and vast landscapes. Businesses must find a way to seamlessly operate complex telecommunications and IT solutions to ensure safety, security, connectivity and efficiency, in remote locations onshore and offshore.

That's where Speedcast comes in. For more than 30 years, Speedcast has provided engineering design, integration, installation, commissioning and project management services in a timely, cost-efficient manner – whether customers are building a telecommunications facility or new ship, retrofitting a rig, moving to OTT, adding new sites or saving lives when disaster strikes. Speedcast work tirelessly to ensure all solution components work together as a single system, connecting seamlessly and reliably to the rest of the communications network on any type of asset or site anywhere in the world.

Speedcast offers end-to-end, turnkey solutions including system design, integration, professional services and managed services solutions. By working with one reliable partner from front end design to final installation and continuous main-tenance, customers are able to save valuable time and money. Speedcast's solutions can be fully customized to fit any requirements on a diverse set of assets across each of the industries we serve. No system or network challenge is too complex, and the Speedcast team is available for projects in more than 140 countries

### Speedcast Advantages

- Single point of contact for all systems, from initial requirements gathering through project completion and beyond
- Strong in-house design and engineering capabilities
- World's largest 24/7 support team with more than 110 engineers on six continents
- More than 30 years of technical expertise onshore and offshore and with projects needing detailed program management requirements
- Professional services (IT, RF, Operations & Maintenance) for continued onsite support after implementation
- Quality and safety commitment with ISO 9001, ISO 14001, ISO 45001, and BOSIET certifications

**Speak to a Speedcast Sales Representative for More Details.**

**BOSIET**  
BASIC OFFSHORE SAFETY  
INDUCTION & EMERGENCY TRAINING



Speedcast is vendor agnostic, and we evaluate best-of-breed products and technologies in our engineering solutions that best suit our customers' needs.

### In-House Front End Engineering And Design

- Requirement studies
- Facility design and operation
- Teleport design
- Mechanical engineering, and obstruction analysis
- Civil and electrical work support
- Testing and specification design
- RFP preparation

### Company Network

- LAN/WAN
- WLAN/WWAN
- Onshore and offshore 4G/LTE
- Fiber
- VSAT
- Satellite earth stations and networks
- Wireless IP systems and networks
- Structured cabling
- VoIP
- Video conferencing

### Security

- CCTV
- Access control
- Perimeter/intrusion detection
- Public address/general alarm
- Personnel and asset tracking

### Media

- Video infrastructure and media networks
- Master control playout operations
- Media processing centers/VOD
- Broadcast origination and TV production studio
- Digital media headend

### Radio

- Onsite
- Long range
- High capacity line of sight
- Safety communications
- Trunking
- Microwave

### IOT

- Onboard/on-site Wi-Fi coverage
- Wireless sensors, trackers installation

### Crew and Guest Experience

- Entertainment
- Training/safety
- IPTV (DirecTV, IP-based distribution)
- Infotainment systems
- Public notifications and announcements
- Stored content

### Factory Acceptance Tests

- Full integration testing
- Proof of concept
- Design verification
- Punch list item clearing
- Crating and weatherizing

### Navigation

- Radar
- SART
- EPIRB
- RACON
- AIS

### Cybersecurity

- Security and risk management
- Penetration testing
- Threat detection and management

### 24/7 Support and Onsite Services

- Field installations
- Onsite training and system maintenance
- 24/7 global support from more than 110 engineers
- In-country regulatory and licensing
- Spares and repair management

