

# PointCast

Powered by Kacific

Reliable, Self-calibrating,  
Self-pointing Motorised System





# POINTCAST

PointCast's auto-pointing antenna simplifies installation with a quick and effortless setup. It automatically configures itself to connect with selected satellites for rapid and high-speed connectivity. PointCast delivers reliable high-speed connectivity through efficient satellite acquisition, all at a competitive one-time cost.



## FEATURES



### Plug and Play for Effortless Installation

Minimal setup required: simply mount the system, plug it in, and the VSAT autonomously locks onto the satellite, eliminating the need for expert intervention.



### Complete Remote & Local Control

Manage individual VSATs remotely through a centralized fleet manager or use the built-in web server for easy local adjustments.



### Seamless Monitoring & Upgrades

- Integrated self-diagnostics and remote monitoring ensure real-time performance tracking.
- Remote software upgrades allow for effortless system updates.



### Wide Satellite System Compatibility

PointCast supports a variety of VSAT dish sizes and is compatible with Geo, inclined Geo and Meo satellites, future-proofing your investment for evolving satellite technology.



### Automated Realignment of Poorly Pointed Terminals

Automatically re-acquires and re-peaks after signal loss or degradation due to external factors such as unforeseen impact on the VSAT, severe weather, earthquake or shifting foundations.



### Fast and Affordable Repairs with Commercial Off-The-Shelf (COTS) Parts

Built in readily available commercial off the shelf (COTS) for reliability, parts availability and affordability.



### Flexible Satellite Repointing

- Remotely trigger repointing to another satellite, even with different frequencies.
- Automated backup repointing steers the system to a backup satellite in the event of a satellite anomaly.



### Elevating VSAT Performance with Precision & Reliability

PointCast outperforms manually pointed VSAT terminals by delivering 1 to 2 dB stronger signals, boosting spectral efficiency, service availability, and reliable connectivity across networks.



### Autonomous safety stowage

Automatically stows the dish in a safer flat position during adverse weather conditions, such as high winds, then autonomously repoints once conditions stabilize, minimizing down time and possible damage.



### Compliant Software and Hardware

Designed and produced in Singapore, featuring US-compliant for hardware for quality assurance.



### Simplified System Design

Leverages the existing traffic carrier signal for communication and control, eliminating the need for an external tone carrier, reducing system complexity.



### Ready for IoT Integration

Supports external IoT sensors, enabling future-proof functionality and expanded use cases.

## BENEFITS



### Maximize Signal Efficiency

With automatic satellite acquisition and real-time adjustments, PointCast consistently achieves 10% higher Es/No compared to manual setups, optimizing bandwidth usage.



### Maintain Peak Performance

Maintains precise pointing at all times, preventing degradation in VSAT alignment and ensuring long-term reliability.



### Faster Deployment in All Conditions

Enables installation and VSAT peaking even in light rain, accelerating deployment timelines and minimizing delays.



### Effortless Installation for Everyone

PointCast's user-friendly setup simplifies mass deployment, making it perfect for rapid self-installation in remote locations without the need for a large team of installers.

## WIDE CHOICE OF CONFIGURATION TO SUIT YOUR NEEDS

Linear Polarization



PVC



Metal

Circular Polarization

Modem Placed within ACU