

Intelsat Integrates the HiSKY Smartellite™ Network to Enhance Precision Farming in Brazil

Advanced satellite mobility for CNH farming machinery across remote Brazilian farmland —
one end-to-end Industrial IoT service inside the Intelsat network.

HiSKY has partnered with Intelsat to bring reliable satellite connectivity to remote farming regions in Brazil, with initial deployment for market leader CNH Industrial, whose brands include Case IH, New Holland and Steyr.



THE CHALLENGE

Data-driven farming without a data link

- ▶ Brazil's vast agricultural landscapes often lack reliable internet connectivity.
- ▶ The gap hinders the adoption of precision farming techniques.
- ▶ Limited access to the internet restricts farmers' ability to use the data-driven tools essential to modern agriculture.

The HiSKY solution

HiSKY's satellite IoT network — the HBS modem, Smartellite™ Dynamic 16x16 Ku terminals and Space Control (NMS) — was integrated as an end-to-end solution within the Intelsat satellite network. The integrated network gives Intelsat a complete satellite service tailored to Industrial IoT markets: deployed onto CNH's farming equipment, Intelsat provides mobile internet access to CNH assets, ensuring stable connectivity even in remote locations throughout Brazil.

Terminal — Smartellite™ Dynamic 16x16 Ku

Service tier — Industrial IoT over Ku band, GEO

Deployment — CNH farming machinery, Brazil

RESULTS

Precision farming, connected

► Real-time data exchange

The HiSKY Industrial IoT solution inside the Intelsat network enables real-time data exchange between machinery and cloud platforms.

► Increased yields

Data-driven decisions in the field lead to higher yields.

► Precision-farming practices

With reliable internet access, farmers can implement precision-agriculture techniques.

► More efficient resource management

Inputs, machinery and time are managed on live data rather than estimates.

DEPLOYMENT SNAPSHOT

What was integrated

PARTNER NETWORK

Intelsat satellite network — end-to-end integration

CUSTOMER

CNH Industrial — Case IH, New Holland, Steyr

TERMINALS

Smartellite™ Dynamic 16×16 Ku on farming equipment

HUB

HiSKY HBS modem

MANAGEMENT

Space Control (NMS)

REGION

Remote farming regions throughout Brazil

HISKY PRODUCTS IN THIS USE CASE

One unified system

TERMINAL

Smartellite™ Dynamic 16×16 Ku



HUB SYSTEM

HiSKY HBS modem + packet processor



NMS

Space Control Standard / Premium



Full network sovereignty and mission-grade redundancy.