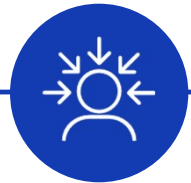


Use case: BICS IoT solutions for agritech

The challenge

For an optimized IoT business model, farmers need reliable and cost-effective global connectivity.



Customer context

- Global agricultural IoT market will reach almost **\$30 billion by 2023**
- The food market is expected to grow annually by 3.14% (CAGR 2021-2025)
- Nearly **12 million agricultural sensors** installed globally by 2023



Agritech applications

- Livestock welfare and location monitoring
- **Precision farming** through environmental sensors
- **Live, actionable data** on livestock or crops
- Increased efficiency and minimized waste
- More effective site management



IoT connectivity requirements

- Scalable, **pay-as-you-grow** model
- Real-time management, control, and monitoring
- Reliable global and rural connectivity
- Easy to deploy and maintain
- **Low-power consumption**



Use case: BICS IoT solutions for agritech

The solution

BICS SIM for Things offers international connectivity suited to rural environments with typically poor connectivity.

Simple deployment and easy integration

- Turnkey solution offering easy integrations
- Easy-to-use portal
 - 210+ APIs

Secure, low-power connectivity

- Support for NB-IoT and LTE-M connectivity
- Autonomous provisioning, deprovisioning, management, and troubleshooting
- Built-in security at the SIM level



Reliable and seamless global connectivity

- **Built-in connectivity** across 700 networks in 200 countries
- **Constant monitoring** (even in remote locations)

Results

- Clear overview of the farmer's estate
- Actionable data
- Reliable and continuous connectivity
- Data-driven approach to streamline operations