

Stay Connected with
Integrated CxC SIM for
Multi-Carrier coverage

Cloud Managed through
CxC Smart Factory
with user configurable business
rules and integration into your
existing systems

Open API and IDE for
custom development

24/7/365 Support by
People for People

CxC Smart AGRICULTURE



Easy installation • Real-time data

Optimize crop management and yield while raising overall productivity
and reducing consumption of agricultural resources.



Contact us today and get connected!
corporatesales@convergia.net
Tel.: Toll free 1.866.863.3301
www.convergia.io

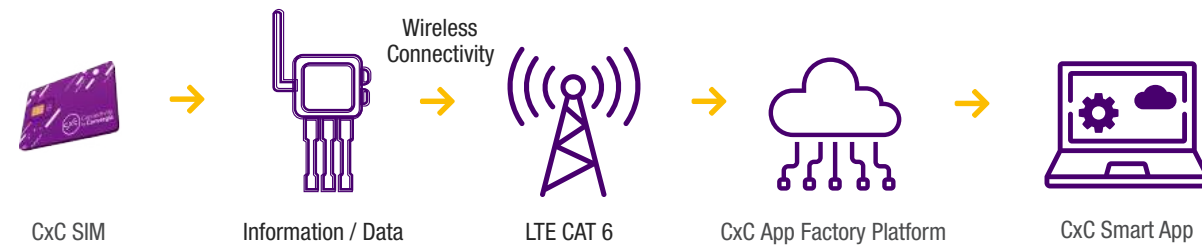


CxC IoT Application Factory platform



How does it work?

Each sensor is attached to the Gateway and gathers the respective data. This data is then transferred to the cloud via Convergia's CxC SIM with wireless connectivity, where it is stored on our CxC IoT Application Factory platform, which monitors and displays the real-time data from each sensor.

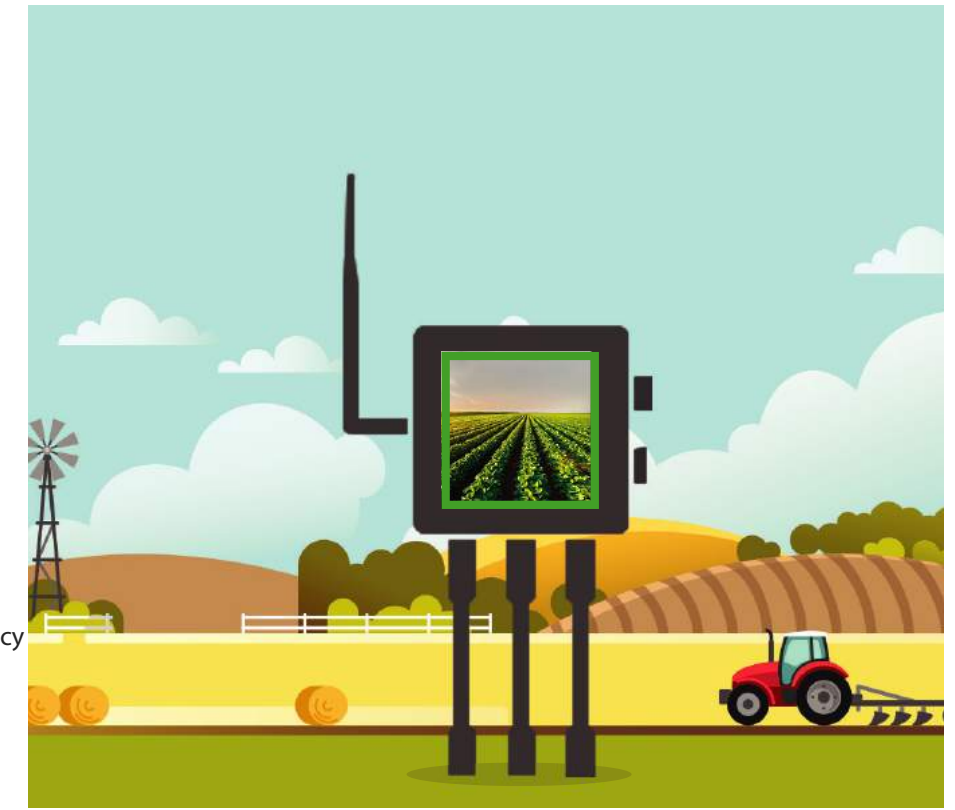


Features

- Light and Radiation sensors that measure:
 - Ultraviolet Radiation
 - Photosynthetic Active Radiation (PAR)
 - Shortwave Radiation
- Soil Sensors that measure:
 - Electrical Conductivity
 - Volumetric Water Content
 - Soil Water Potential
 - Oxygen levels
 - Non-contact Plant Growth Measurement
- No Maintenance needed
- High Accuracy Sensors
- Usable on any Cloud Platform
- High-Quality Calibration
- Interoperability with any wireless technology
- LPWAN & Cellular Communication protocol for isolated locations
- Low Power Consumption
 - Long Battery life
 - Solar-Powered

Benefits of Agriculture Solutions

- Reduce energy consumption
- Reduce environmental damage
- Maximize and monetize production
- Precise and accurate data
- Increase water management efficiency
- Early pest detection



What are the applications of IoT in agriculture?



Lighting Control

Labor Cost Savings

Control of Nutrient Application

Real-time Measurement of Temperature and Soil

Automated Irrigation System

Reduces crop loss due to pests or dramatic factors