



OPI Blue

The future of grain storage management. Remote access to mobile devices – anywhere, anytime.

Remote Connectivity

OPI Blue is a wireless system that delivers timely grain storage information to your mobile devices. No more driving to your bins to plug in.

Now you can access your critical grain storage information wherever you work, live, or play. OPI Blue can be incorporated into your current OPI grain management system using existing cabling or purchased as a new system.

OPI Blue management features:

- Temperature
- Grain inventory levels
- Moisture

OPI Blue gives you peace of mind. The system monitors your grain 24/7 and alerts you when your grain starts to trend out of condition. Best of all, OPI Blue has been designed for ease of everything:

- Easy to install and configure
- Easy to service
- Easy to use
- Easy on the wallet



Components

- A Cable Node mounted atop each bin, complete with solar charging with wireless data transmission.
- A centrally located Gateway wirelessly collects and stores information from the Node network and transmits this information to your mobile devices via internet or cellular connection (Wi-Fi optional).
- The mobile App also stores your data with the ability to review your complete storage history offline.



Component Features

Cable Node

- Measures temperature and/or moisture cables
- 1-channel model for up to 32 sensors, or 8-channel model for up to 256 sensors
- Solar powered, with 5+ year battery life
- Wirelessly transmits data to the Gateway up to 0.62 miles



Gateway

- Wirelessly receives data from up to 20 Nodes
- Stores complete storage history
- Connects to mobile device by cellular, WiFi or wired Internet connection



Sensing Inputs

Built on the OPI-pioneered digital platform, rest-assured you're investing in the most accurate, reliable and expandable system on the market today. And our growing range of sensing options have been designed to meet your every advanced grain management need:

Temperature Sensing

StorMax retractable temperature cables with 2-wire digital technology for maximum accuracy (+/-1.0°F) and reliability, as well as simplicity of installation and service

Moisture Sensing

OPI's moisture cable calculates moisture content by taking relative humidity and temperature measurements up through the grain (typically every 4'-6') – with accuracies up to +/-0.5% (this level of accuracy can only be achieved with OPI manufactured systems).

Auto-Delete with Level and Inventory

Alarms can only occur for sensors that are in the grain. OPI Blue also displays grain level, and shows the amount of grain in each bin.

Mobile App

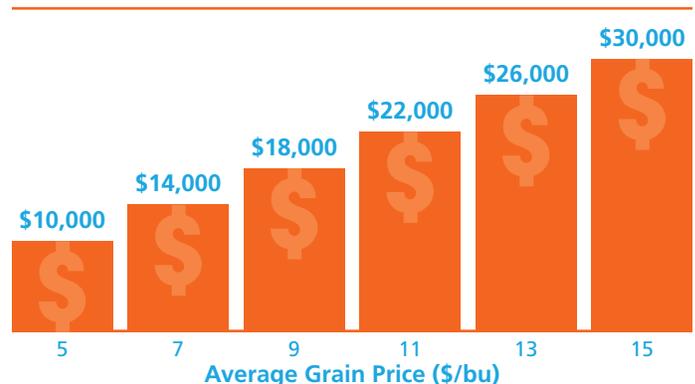
OPI Blue customers can download the free mobile app through the App Store for Apple devices. The OPI Blue app is an easy to use and graphically rich program that displays data in numerous formats including table view, 2-D graph and 3-D bin view ("spiny-bin"). Giving you access to complete grain storage history on your smartphone or tablet.

Investment Payback

Leading growers and commercial operators view grain storage management as essential to a best-practice program. All the planning and hard work that goes into getting a good crop off can be spoiled by shrinkage and quality losses if grain is not properly managed in your bins.

OPI is often asked "how much loss can be expected if an average bin is not properly managed?" This is a difficult question as it depends upon crop type, moisture content and ambient conditions, with or without aeration. However, over 30 years, we have developed the rule of thumb that losses can easily hit 2% in many circumstances. Here is what 2% loss looks like across 100,000 bu of grain:

Potential Loss



In most cases, 1 year of potential losses can instantly cover the cost of an OPI system. When you take the cost over the many years that the system will perform, the decision to install an OPI system becomes simple.

ISO 9001:2008 certified
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Advancing
Grain Storage
Management

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