OPI Blue

The future of grain storage management is here. Advanced wireless connectivity, web-based remote access to mobile or desktop devices – anywhere, anytime.

NEW weather station integration to assist with fan control and a redesigned user interface to provide greater visibility and simplification.

Remote Connectivity

OPI Blue is a wireless system that delivers hourly grain storage information to your mobile or desktop 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 features:
- Hourly grain temperature and moisture readings
- Grain inventory levels
- Compatible with any device, PC or mobile
- Ability to view bins and multiple sites in a simple user interface
- New features automatically download from the internet

- Historic data stored securely and backed up online
- Enabled for remote troubleshooting

OPI Blue gives you peace of mind. The system monitors your grain 24/7 and alerts you before spoilage conditions occur.

Components

- A Cable Node mounted atop each bin, complete with solar charging and wireless data transmission
- A centrally located Gateway wirelessly collects information from the Cable Nodes and transmits this information to the internet making it conveniently accessible for you through any device
- Login to your OPI Blue online account and view your complete storage history

**OPI Fan Control coming June 2017.
Ask us for details.**

OPI BLUE™

Component Features

Cable Node

- Measures temperature and 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 1 km

Gateway

- Wirelessly receives data from up to 25 Nodes
- Transmits data to your mobile or desktop device through the internet

Sensing Inputs

Built on the OPI-pioneered digital platform, 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 (+/-0.5°C) 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).

Weather Station

OPI's weather station provides reliable information about the ambient temperature and relative humidity conditions, and then calculates the Equilibrium Moisture Content. EMC plays an integral role in grain storage management to enable maximized market value.

Auto-Delete with Level and Inventory

Alarms will only occur for sensors that are in the grain. OPI Blue also displays grain level, and shows the amount of grain in each bin.
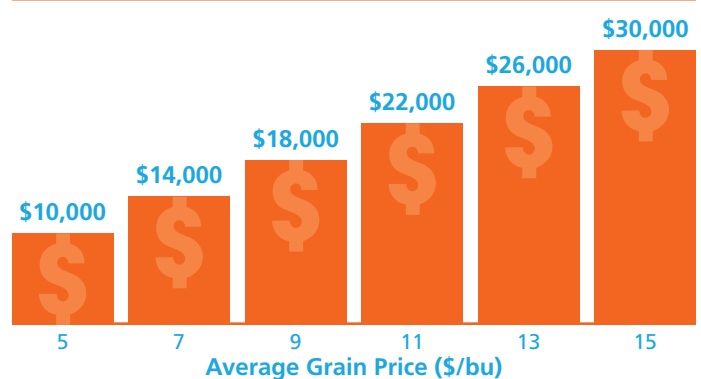
Web-Based Online Account

Login to your account on www.managegrain.com to view an overall summary of your grain condition, volume under storage, grain value, and system status. It is the most safe, secure and reliable way to view your grain data. Filter data views by grain type or bin location to see summaries of temperature, humidity and moisture content at each sensor location in your bin.

Investment Payback

Leading growers and commercial operators view grain storage management as essential to optimizing their grain. 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

Average Grain Price ($/bu)	Potential Loss
5	$10,000
7	$14,000
9	$18,000
11	$22,000
13	$26,000
15	$30,000

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.

OPI™ Advancing Grain Storage Management

1-800-661-1055
Unit 50, 2151 32nd Street NE, Calgary, AB T1Y 7G3, Canada

advancedgrainmanagement.com