
OPI BLUE™
Remove the guesswork and make decisions based on reliable data with OPI Blue - Cloud Monitoring System

OPI™ Advancing Grain Storage Management

FUTURE OF GRAIN MANAGEMENT

OPI Blue is a wireless system that delivers hourly grain storage information to your mobile or desktop devices, and allows you to turn on fans remotely.

- Remote control of your fans, up to 80% reduction in run-times
- Hourly grain temperature and moisture readings
- Easily track Grain inventory levels
- Compatible with any internet connected device
- Weather station integration and EMC data
- New features automatically downloaded from the internet
- Ability to view bins and multiple sites in a simple user interface
- Historic data stored securely and backed up online
- Enabled for remote troubleshooting

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TEMPERATURE MONITORING

Avoid spoilage in your grain by detecting hot spots. Check temperature regularly until target temperatures are reached.

MOISTURE MONITORING

Moisture and shrinkage control is achieved by measuring moisture content and temperature at several points throughout the bin.

AMBIENT MONITORING

Weather station integration for ambient temperature and relative humidity conditions. Provides great control for aeration.

FAN CONTROL

Automatic fan control optimizes grain quality. Remote control of your fans, up to 80% reduction in run-time.

LEVEL MONITORING

Our sensors make it easy to track Grain inventory levels. Removes guesswork and gives you visibility of your storage.

ACCESS TO BIN DATA

Access to dashboard information. Intuitive graphical interface which allows easy and fast interpretation of data.

OPI BLUE COMPONENTS

Cable Node

- Measures temperature and moisture
- Single channel cable node can be used on smaller bin applications
- 8 channel cable node can be used on large multi cable bins
- Battery powered solar charge with a 5+ year battery life
- Wirelessly transmits data to the Gateway up to 2624 ft (800 m)

Gateway

- The Gateway communicates cable data and other fan control data from the system hardware to the cloud
- Direct network connection or cellular options
- Required 120 VAC power with a battery backup of 3-4 hours

Cables

- Temperature Cables: OPI's retractable temperature cables with 2-wire digital technology for maximum accuracy (+/-0.5°C or +/- 1°F) and reliability, as well as simplicity of installation and service.
- Moisture Cables: Moisture cables calculate moisture content by measuring the temperature and relative humidity throughout the grain (depending on applications on farm: 4ft and commercial: 6ft) with accuracies upto +/-0.5% (with OPI developed grain curves).

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MANUAL AND AUTOMATED FAN CONTROL

OPI Blue with Fan control allows you to improve your moisture control through more accurate drying and minimizing your shrink. Just a 1% improvement in your moisture control can add thousands of dollars into your pocket by maximizing the selling price of your grain.

Automated fan/ heater control creates efficiencies by only running the fans at times that are optimal to drive towards user desired targets. It uses weather data (temperature and relative humidity) along with plenum sensor data (equilibrium moisture content) to enable fan automation. Once installed an OPI Blue system continues to maximize the value of your grain season after season.

As an example, a 1% improvement in moisture control through more accurate drying and minimization of shrink on 200,000 bushels at an average cost of $7.5/bushel, can increase the value of your grain up to $15,000*.

The system minimizes shrink and optimizes the condition of your grain to maximize the return on your investment.

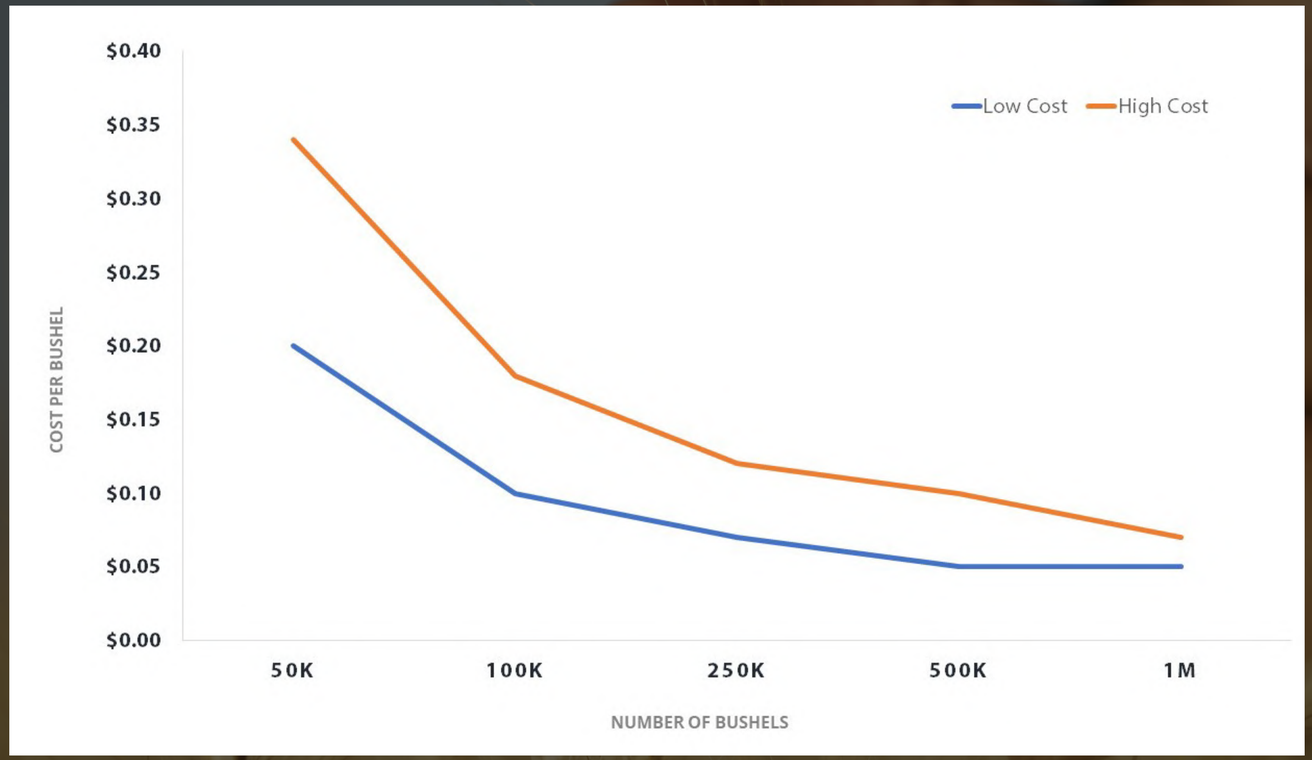
▶ COST PER BUSHEL

OPI Blue is one of the most cost effective ways to manage and protect your grain.

On an average farm with 200,000 bushels, an OPI Blue system can cost as little as $.10 – $.30 per bushel.

OPI Blue can give you peace of mind by protecting your grain for a minimal cost.

"It sure is nice to rely on the OPI Blue system. Especially with the canola. It is a lot of money in that bin and it is nice to be able to sleep at night."
- Jonathan Wheatley



*OPI costs per bushel is an estimation based on an average sized farm and does not include shipping or installation costs which can vary by region. If you would like to find out what your cost per bushel is, reach out to our team to get a customized quote based on your farm and specific needs.

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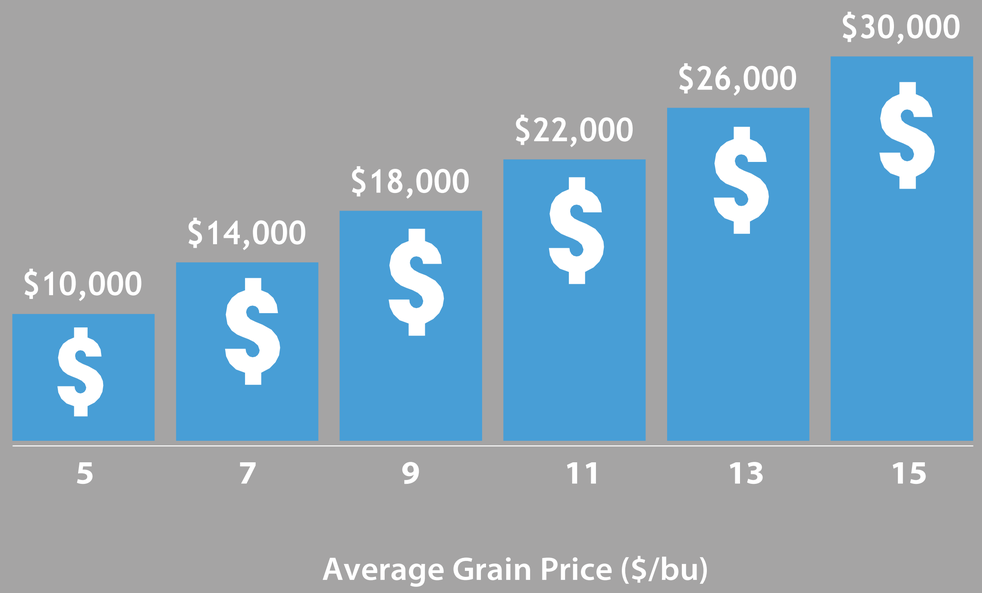
▶ INVESTMENT PAYBACK

Leading growers and commercial operators view grain storage management as essential to a best-practice program. All the planning, hard work and money that goes into getting a good crop 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 depends upon crop type, moisture content and ambient conditions, with or without aeration. With close to 35 years of market research, 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 ----->

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

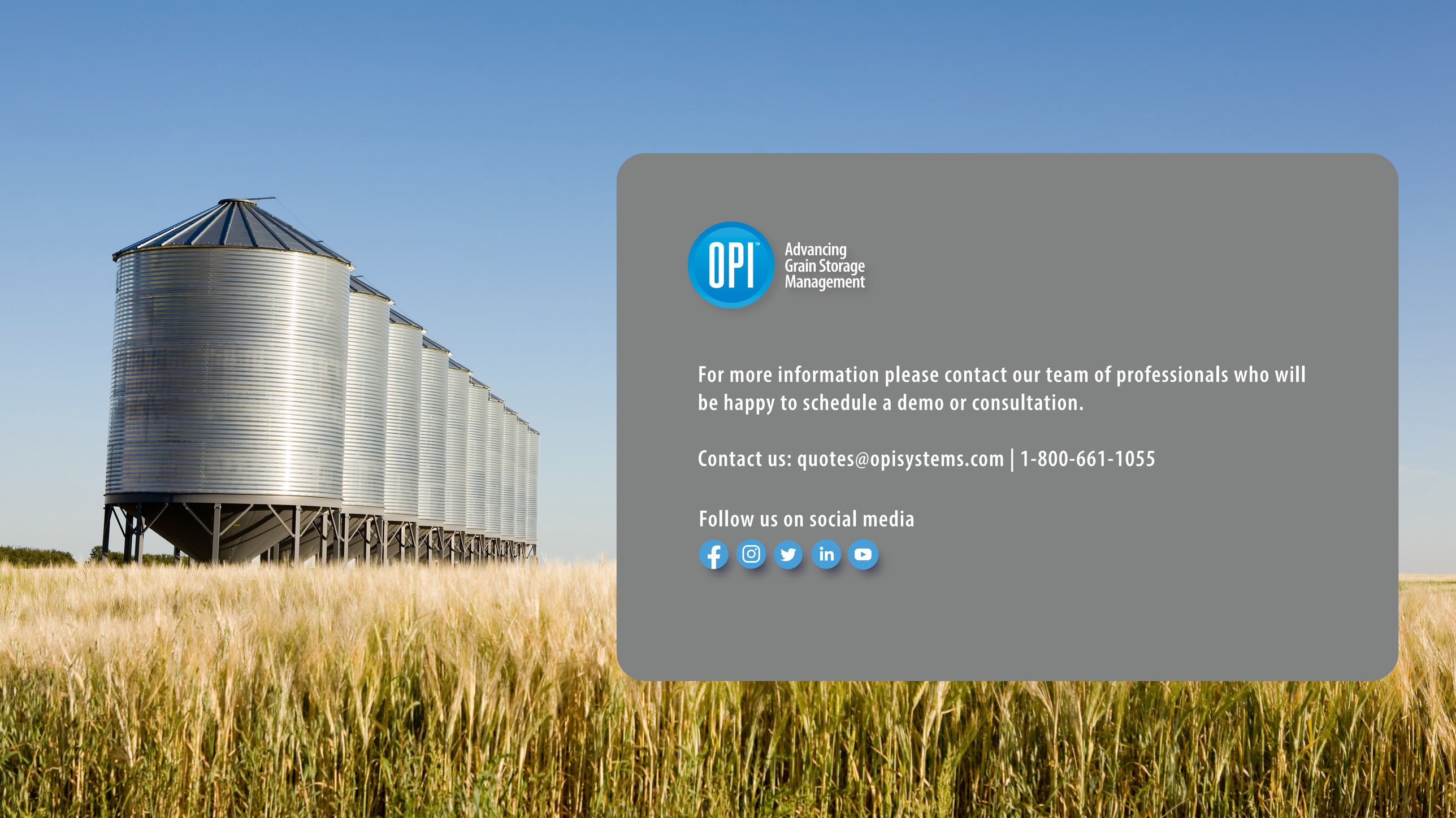


THE WORLD'S MOST TRUSTED PLATFORM

CONNECT

PROTECT

OPTIMIZE



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For more information please contact our team of professionals who will be happy to schedule a demo or consultation.

Contact us: quotes@opisystems.com | 1-800-661-1055

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