



Smart **Home**



Smart **Care**



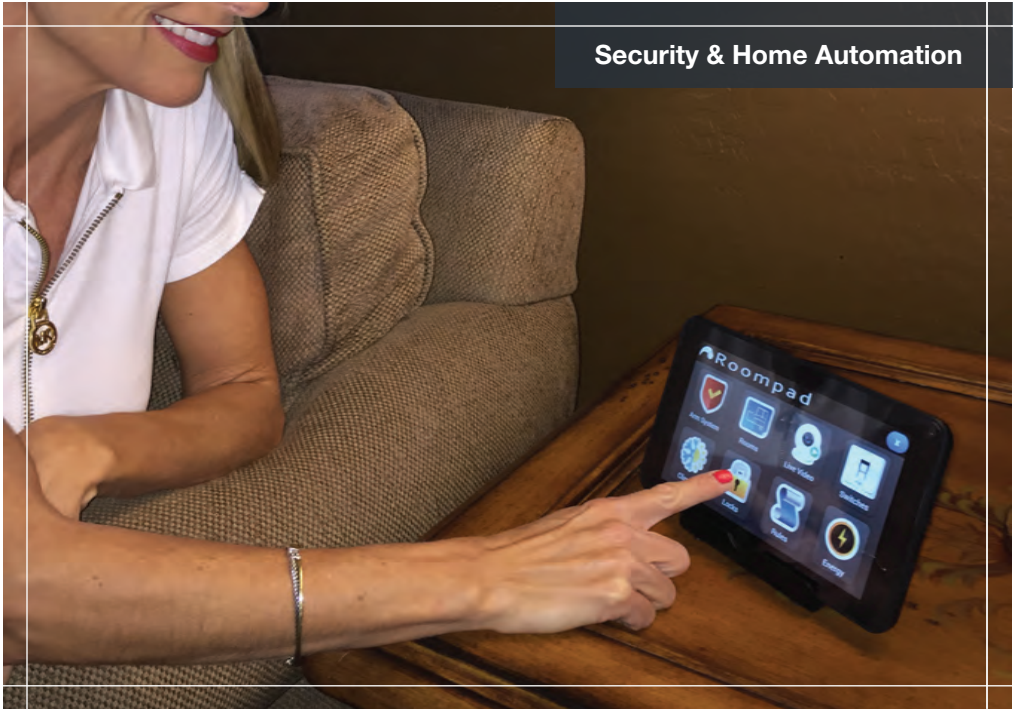
Smart **Business**



Smart **Farm**



Evolution Solutions Guide



Manage freely, simply by touching an app. Turn lights on/off, control thermostats, manage energy, unlock doors, view live cameras and be in control. **All from the Roonpad.™**

Specifications:

- 7" tablet with attached flexible angle stand. Locate beside your bed, in your family room, on your counter, or remotely at your office or other location.
- Connect via Wi-Fi to access your premise automation system via 802.11 b/g/n
- Included power adapter to remain powered via an outlet at all times.

Control:

- Lights
- Climate
- Energy
- Doors
- Live Video



**One system, one solution, one interface,
for your entire farmstead**

Put Smart Premise technology in the palm of your hand with Clear2there's Smart Farm Solutions

The Clear2there Smart Farm Solutions leverages your various farming operations. Manage grain, feed in bins and silos, manage the environment in various livestock confinement facilities, and irrigation systems. All part of the high technology operations of today's farming industry. Clearly offered by your local telecommunications company.



Smart Farm Solutions



Monitor temperature, water, utilities, generators, and other environmental controls throughout your livestock confinement facilities.



Monitor feed and grain levels, along with temperature, and moisture in your grain bins and silos from your remote device.



Set rules, check status, remote arm/disarm capabilities and more

Fuel and Fertilizer tank monitoring and level alerts sent automatically via text, email and text to voice call



Manage your operations, remotely and from your local desktop.

The Future of Grain Storage Management

Clear2there's web based Grain Storage Management Solution enables farmers to remotely monitor materials in their bins from any remote device, such as a smartphone, tablet or desktop PC. Our intuitive user interface provides instant visibility to their stored products and aeration equipment from anywhere in the world.

Therefore, creating greater efficiencies by:

- Monitoring temperature controls and moisture levels
- Activating and managing fans while conditions are optimal
- Protecting grain quality
- Reducing maintenance costs and increasing profits
- Receiving instant notifications via text or email when Grain condition goals have been achieved

Clear2there's "intelligent motor control" provides true overhead protection



Grain Storage Solutions



Maximize efficiency



Improve grain quality



Powerful management

Backed by years of development and experience in the agricultural market.

Clear2there Grain Bin solutions are designed to reduce grain crop loss and maximize profits. Proper grain management will ensure you receive a premium price and can more than pay for itself in a single harvest season.



Investment in grain storage management gives you a valuable tool to help maximize profits while reducing operating costs. Protect your most valuable asset through temperature control, moisture monitoring and your motor operations. Idea care of your grain, is a percentage difference in the price you receive at the elevator. Grain management can more than pay for itself in a harvest season. Protect your highest asset that is in your operation and assure your financial success.





Clear2there Smart Premise Technology Does It All....

Monitors liquids in every type of tank:

- Fuel, water, fertilizer and others
- Remotely from any device (Smartphone, Tablet, PC's)

Clear2there smart farm solutions connect through our simple Viewbiquity user interface. This allows an entire farming operation to be monitored via a remote device, such as a smartphone, eTablet, laptop and desktop PC.



Set language based rules, check status, remotely view and set parameters.

Monitoring:

- Fuel tanks and Fertilizer levels
- Alerts sent automatically via text, email and text to voice

Propane, Liquid & Fuel Monitoring with the Clear2there Solution



Monitor your premise propane, fuel tanks, fertilizer tanks and other liquid contained fluids with a wireless base station and multiple transmitter sensors attached to each tank.

Home Solutions

- Propane tank monitoring for above and below ground tanks of all sizes.

Farm Solutions

- Propane tank monitoring on the farm of all size tanks.
- Fuel tank monitoring of gasoline, diesel and other flammable fluids, meeting all regulatory requirements for safety.
- Fertilizer tanks, any liquid substance held in any size tank.

Commercial Solutions

- Propane tank monitoring for commercial buildings, schools, service industries and manufacturing facilities.
- Fuel tank monitoring on site tanks for fleets and other related service industries.

Notifications of changes in fuel levels via text, email or call out alerts. Notifications can be sent to operators, fuel providers and multiple individuals.

- RS-232 Cable connection to the Clear2there gateway.
- Supports multiple transmitters for multi tank solutions.
- 10 year battery life in transmitter and base station.
- Up to 1000' foot range or distance can be extended via repeaters for further coverage.
- Operates in the 900mhz serial frequency.



Base Station



Clear2there Gateway



Transmitter



Smartphone, tablet & PC remote viewing

Standard System Overview



Propane/Fuel Oil Levels Tank Transmitter

- Constant tank level monitoring
- Transmits all tank events
 - Low level
 - Tank fills
 - Sudden Decompression
- Self-diagnostics
 - Low battery, missing sensor



Propane/Fuel Oil Delivery

- No runouts
- No wasted trips
- Full tanks



Clear2there Cloud Services



Notifications via text, emails, call out alerts



Secure and Monitor Your Poultry Operations through Clear2there Smart Farm Applications!

Clear2there Smart Farm solutions enhance your farming operations. With our poultry facility solutions you can monitor temperature and humidity in barns, instantly know the level of feed bins, track energy usage, monitor the operation through video feeds and storage, and manage other environmental controls throughout your livestock confinement facilities...all whether you're nearby or miles away!

These Smart Farm solutions are offered by your local telecommunications service provider.

Monitor Temperature

Ensuring building temperature stays within your target range. Heat stress can slow feed intake, decrease resistance to infection and in extreme cases, kill livestock.

Monitor Humidity

Be sure the humidity in the building stays within your threshold. "Relative humidity should be kept between 50 and 70%."
FROM: "Relative Humidity...The Best Measure of Overall Poultry House Air Quality," University of Georgia, and February, 2012.

Monitor Ventilation Fans

Get an immediate alert if there is a problem with your fans and generators.

Monitor Level of Feed in Bins

No need to climb to the top or pound on the side of a bin to determine the fill.

Monitor It All Remotely

For peace of mind when you're away.



Poultry Monitoring Solutions

Save On Insurance

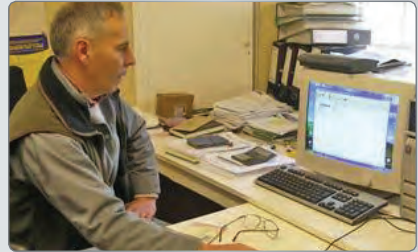
Insurance companies may require monitoring temperature or give discounts to avoid loss of livestock. Check with your agent to see if Clear2there solutions qualify.



One system, one solution, one interface, for your entire farmstead!

Monitor Operations with Video Surveillance and Access Control Readers

Know who uses doors with live video feeds and playback, or notifications via real time text, email or a phone call alert.



Get Going with a Clear2there Poultry Barn Monitoring Starter Package*



Contains:

- 1 gateway**
- 4 temperature and humidity sensors
- 2 surveillance cameras
- 1 door sensor

*Additional Smart Premise devices can be added to the installation.

** Special pricing available for two or more barns per farm. Requires Internet connection to your local telecommunications company.



Secure and Monitor the Environment in Your Hog Confinement Operation's through Clear2there Smart Farm Applications!

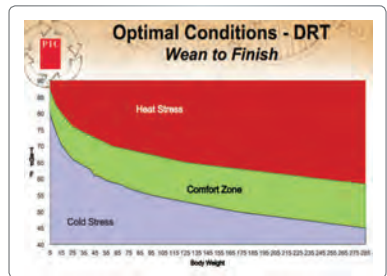
Clear2there Smart Farm solutions enhance your farming operations. You can monitor temperature and humidity in livestock barns, instantly know the level of feed bins, track energy usage, monitor the operation through video feeds and storage, and manage other environmental controls throughout your facilities...all whether you're nearby or miles away!

These Smart Farm solutions are offered by your local telecommunications service provider.

"Hog confinement production is big in our area and our farmers are happy that we offer solutions from Clear2there that help them operate more efficiently." Butch Rorabaugh, General Manager, East Buchanan Telephone Coop, Winthrop, IA

Monitor Temperature

Increase productivity by ensuring the building's temperature stays within your target range. Heat or cold stress can slow weight gain and in extreme cases, kill livestock.



Monitor Humidity

Keep humidity in the building below the target threshold. Hogs can produce excessive moisture, leading to inefficient heating and growth of bacteria.

Monitor Level of Feed in Bins

No need to climb to the top or pound on the side of a bin to determine the fill.



Hog Confinement Monitoring Solutions

Monitor Ventilation

Ensure your fans and generators are working properly. Get an immediate alert if there is a problem.

Save On Insurance

Insurance companies may require monitoring temperature or give discounts to avoid loss of livestock. Check with your agent to see if Clear2there solutions qualify.



Monitor It All Remotely

For peace of mind when you're away.

One system, one solution, one interface, for your entire farmstead!

Prevent Theft with Video Surveillance and Access Control Readers

Know who uses doors, gates and entrance chutes with live video feeds and playback, or receive notifications via real time text, email or a phone call alert.



Get Going with a Clear2there Poultry Barn Monitoring Starter Package*



Contains:

- 1 gateway**
- 4 temperature and humidity sensors
- 2 surveillance cameras
- 1 door sensor

*Additional Smart Premise devices can be added to the installation.

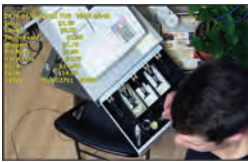
** Special pricing available for two or more barns per farm. Requires Internet connection to your local telecommunications company.

Clear2there gives you the ability to tightly integrate point-of-sale (POS) solutions with all other solutions and devices, including cloud video recording, access control and smart business applications. This integration is done through a powerful, but easy to use rules based system that is in plain English. You can create or edit any number of rules to suit your needs from anywhere using a smartphone, tablet or desktop PC.



POS Integration Features

- Capture data for POS, access control, time clock and devices
- Connect via Serial Connection or TCP/IP
- Record and overlay transaction data on surveillance video
- Search archived data for any combination of key words or events and playback recorded video with transaction data
- Utilize rules engine for immediate notification for special keywords or abnormal transaction
- Notification via email, text message, text to speech or camera snapshot
- View/manage from any internet device (iPhone/iPad/Android/PC/MAC)



Integrated Rules Examples

- If the transaction total is greater than \$500 then take a snapshot and email a manager
- If the cash drawer is open for more than 10 seconds, take a snapshot and text a manager
- If the cash drawer is open for more than 30 seconds, call in an alert (IVR) to managers and send text messages
- If the transaction type is a void, refund or no-sale, take a snapshot and text message it to manager

Schools ➤ Businesses ➤ Farms
➤ Government ➤ Churches



All Smart door readers connect directly to the data network via existing LAN wiring. The panel-free system places real-time control of access, real time notification via email, text or text to voice notifications to personnel and security administrators.

Smart Access IP readers are “true network devices” designed using IP standards and technology. Once installed, the reader-controllers use TCP/IP to open a dialogue with the Viewbiquity edge gateway and await your specific commands and parameters. Customers find this “plug and play” configuration much easier than stringing special wiring and less time consuming than programming and connecting to control panels. The streamlining of installation, maintenance and integration results in significant cost-savings.

End-users want to leverage the investment in their networks and this desire is driving demand for network-friendly, security devices.

Distinctive Features

Scalable

Unlimited number of readers on a system and unlimited number of users.

Fault-tolerant design

Intelligent reader-controller can make access control decisions on its own based on the Viewbiquity rules engine.

Additional features supported to associate with other events, such as activating video snap shots that can be emailed to remote devices, turning on lights, adjusting thermostats and more.

Network Ready

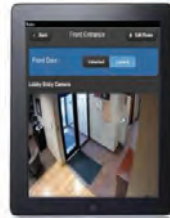
The only panel-free system with direct connectivity to the Data Network.

Adaptable

Access control platform is enabled to support integration with other devices in the Viewbiquity platform.

Easy

Plug and play design eases installation and interface is simple to use.



Enterprise, Schools, Government, Transportation, Manufacturing, Retail

The award-winning Phybridge CLEER (Coax Leveraged Ethernet Extended Reach) Switch is designed to eliminate infrastructure barriers and makes IP camera migration cost effective and simple. The CLEER Switch is the world's first enterprise grade 24-port Ethernet over Coax switch on the market, delivering fast Ethernet (100mb/s symmetrical) and PoE+ over coax with over 2,000 ft (609 m) reach. CLEER transforms the existing coax infrastructure into a robust IP platform ideal for HD IP cameras. CLEER - more features, lower cost.



IP Camera Migration Made Cost Effective and Simple

Benefits:

- Accelerate your return on investment by significantly reducing infrastructure costs.
- Collapse planning and deployment cycles by simplifying infrastructure requirements and leveraging CLEER capabilities.
- Eliminate infrastructure barriers, disruption, risk and network complexity by leveraging the existing proven reliable point-to-point coax infrastructure.
- Create a separate robust platform in line with best practices that is simple to configure, deploy and manage.
- The CLEER switches deliver fast Ethernet and PoE over existing coax infrastructure and can support any IEEE 802.3af compliant device such as access control points, IP phones and IP speakers.



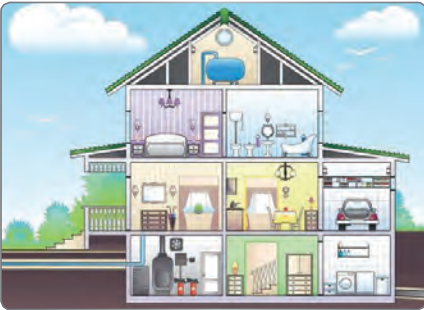
Migrate to IP With Confidence

Robust IP Platform In-line With Industry Best Practice.

Roompad™



Simple Control in Every Room
“Always On, Always Connected”



- Apartments
- Office & Businesses
- Farm Operations
- Schools

The Roompad is ideal for control while in your home or workplace. Simple Control in every room.


Clear2there.
AN EARTHBEND COMPANY



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