



# NexGen Feed Mill Platform



*EAI*

EASY  
AUTOMATION  
INC.

A decorative pattern of light gray hexagons arranged in a honeycomb grid, covering the top portion of the page.

*EAI*

EASY AUTOMATION, INC.

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# EASY AUTOMATION, INC.



Since 1986, we have built our business on providing automation solutions for feed mills and the feed manufacturing industry. Our focus on practical problem solving has challenged us to think outside the box and build a network of customers that span multiple industries with one same goal in mind: efficiency.

Over 3,000 facilities worldwide have relied on our experienced staff to automate their facilities. Whether you are retrofitting your existing system or building a new facility, your success is our top priority. With a strong conviction of our values and our service-oriented approach, we ensure you and your company will will always receive the industry-leading products and support.

We are committed to your success.

**35+ Years**  
of agriculture  
experience

**Family Owned**  
and operated by second  
generation

**3,000+**  
customers  
worldwide

## OUR EXISTING NORTH AMERICAN CUSTOMER BASE



# Fully Integrated Solution

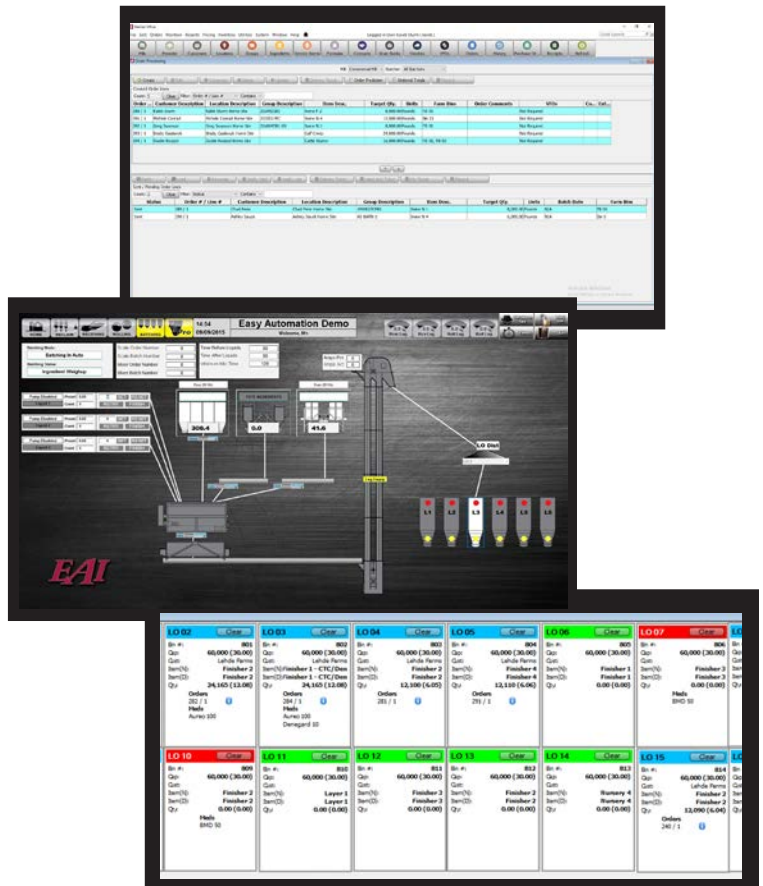
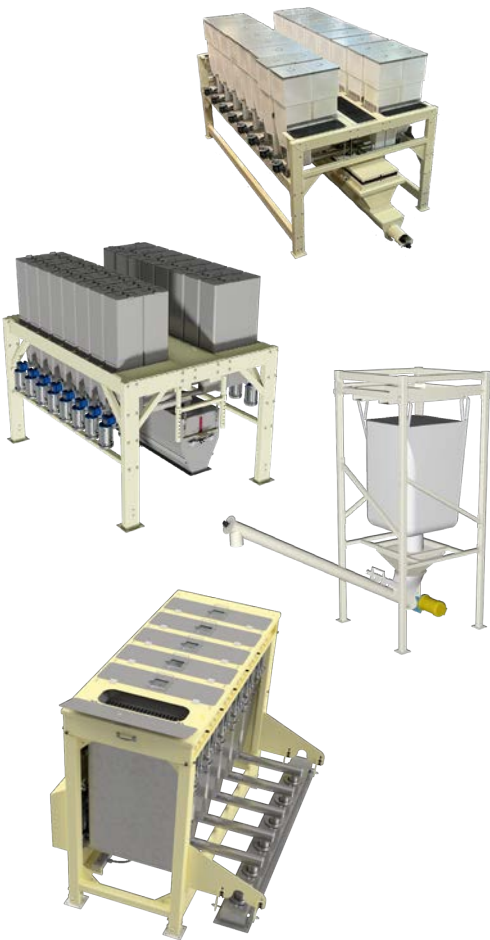
When it comes to the feed industry, we offer a fully integrated solution. Equipment, controls, and data flow systems all working together to provide you the efficiency, connectivity, and data analysis you need to make the best decisions.

## Equipment

We have a full line of both on-farm and commercial feed equipment including micro systems, weigh hoppers, loadout hoppers, modular feed processors, bulk (tote) bag racks, and augers.

## Facility Technology

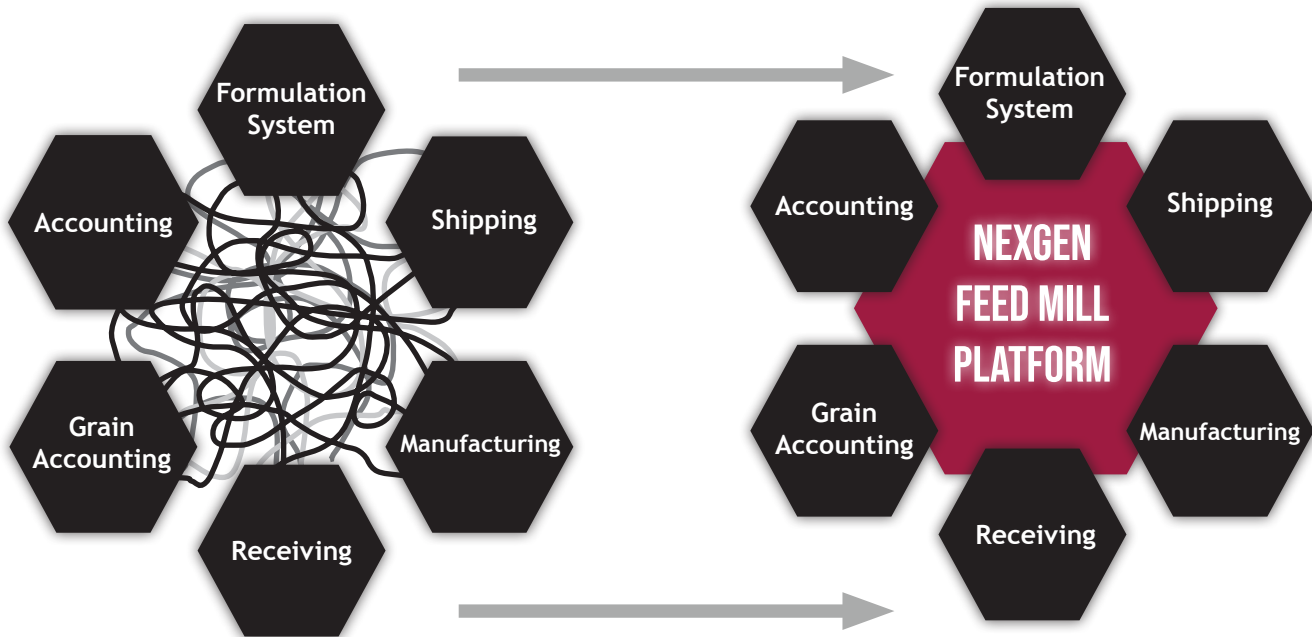
NexGen Mill Platform combines both facility controls and order management capabilities into one seamless, integrated platform that works harder for you.



# NEXGEN FEED MILL PLATFORM

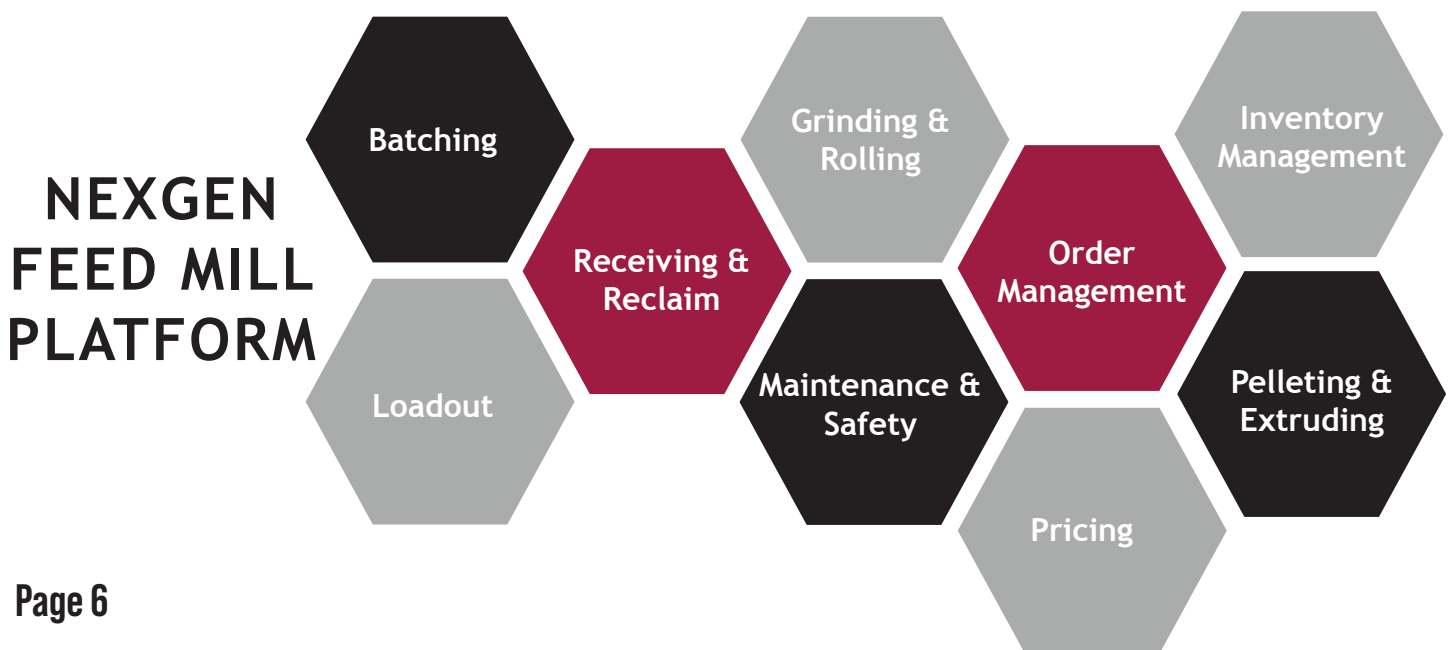


Seamless data integration between facility controls and business software isn't a luxury in our industry anymore. It's a necessity.



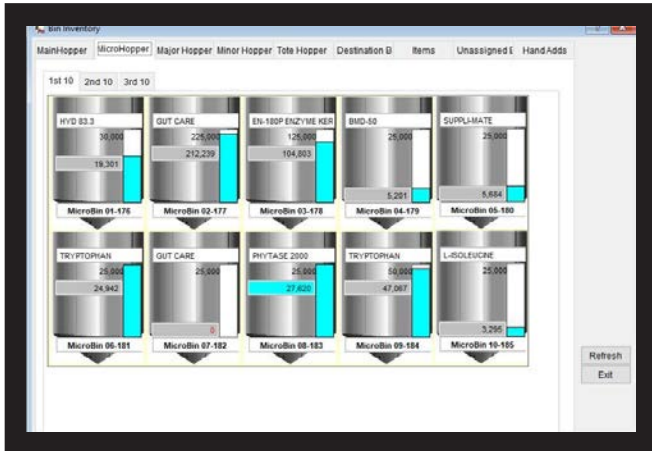
NexGen brings forward solutions and efficiencies that have come directly from conversations with individuals like you. Designed in a modular approach, NexGen Mill Platform allows you to customize your facility technology today and as you grow in the future.

**BUILT TO SCALE AS YOUR BUSINESS SCALES  
NEXGEN IS BUILT FOR YOUR MILL'S NEXT GENERATION.**



# Receiving & Reclaim

The receiving & reclaim module offers you full facility control over receiving product. Traceability starts when the product enters your facility. Utilize this module to ensure your operation will meet the necessary guidelines and keep you on the path to success.

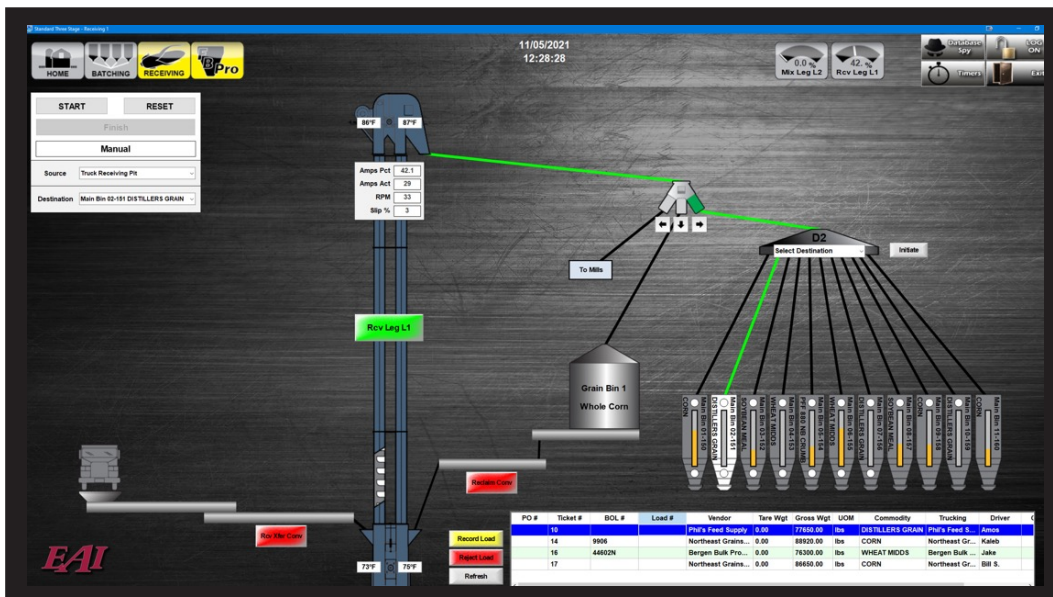


## Key Module Features

- PO Create / Import
- Real Time Bin Inventory
- Truck Scale Interface
- Auto Routing
- HMI Equipment Control

## Real Time Bin Inventory

Provides real time visual representation of total inventory of ingredients within your facility.



## Right Product Right Bin

System identifies which ingredients are in which bins and creates a pop up notification if the user tries to put a different ingredient into that bin. This feature will help prevent the operator from putting an ingredient in the wrong ingredient bin.

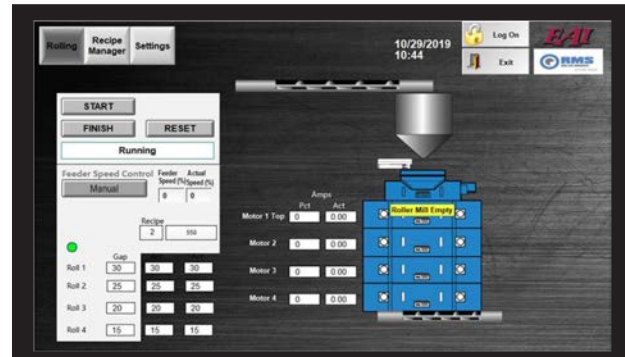
# Grinding & Rolling



The grinding & rolling module features auto gap control, bin keep full controls, and mill optimization that keeps your system working hard for you. Our feed mill grinding and rolling control system adapts to any hammer mill or roller mill. This module maximizes grinding and rolling capacity by automatically feeding the system to ensure consistent maximum efficiency of system.

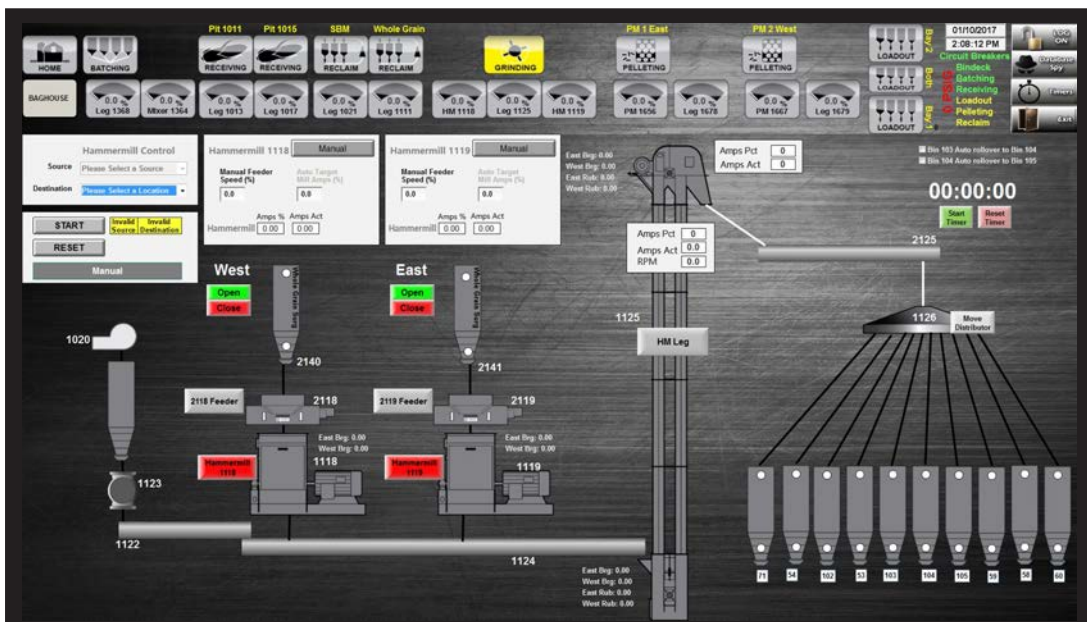
## Key Module Features

- HMI Equipment Control
- Bin Keep Full
- Auto Forward/Reversing (Hammer Mill)
- Auto-Gap Control (Rolling)
- One or More Source Bins
- Safety Shutdown Capabilities



## Auto-Gap Controls

System can adjust rolls to the desired gap setting. Sensors continue to monitor gaps to ensure grind consistency. Ability to auto-parallel rolls.



## Bin Keep Full Controls

Keep full mode allows the roller mill or hammer mill to start and stop automatically to keep ground grain bins full.



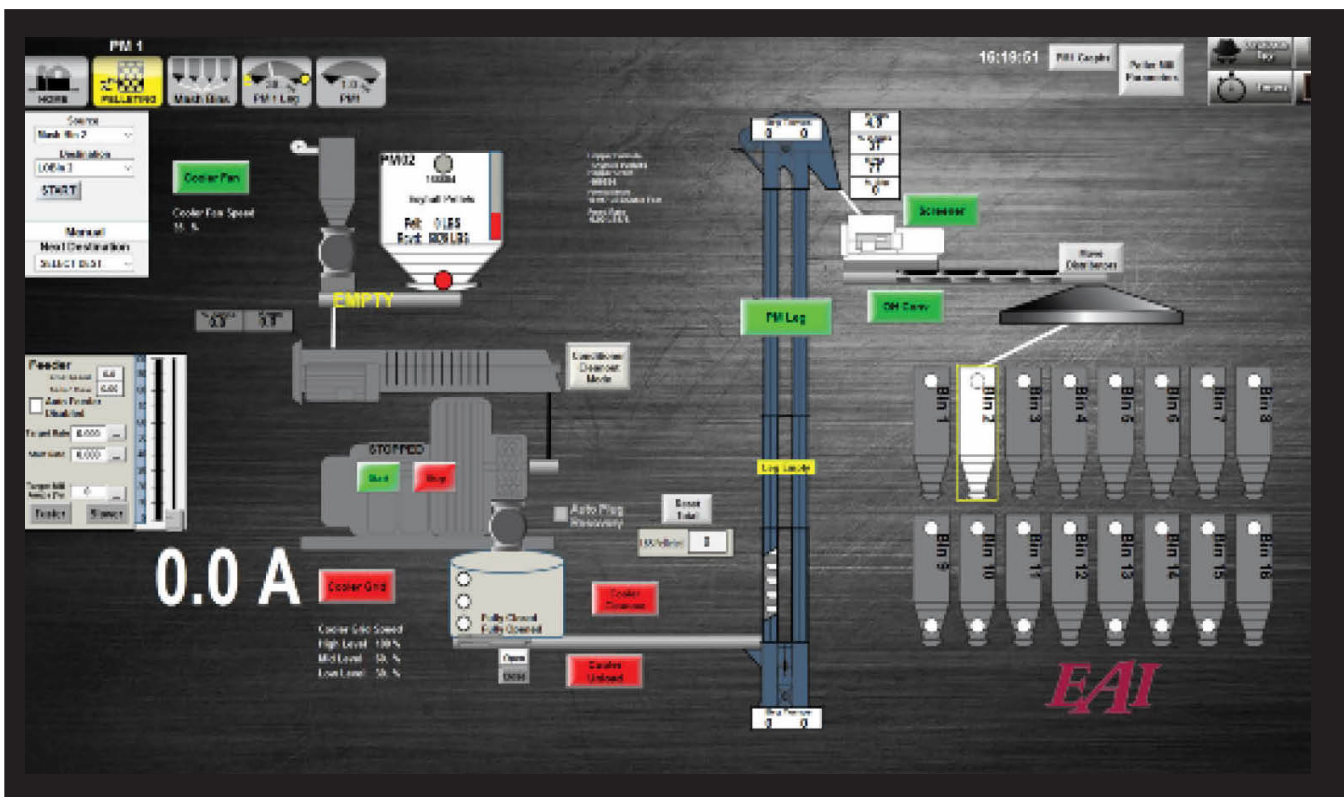
# Pelleting & Extruding

The pelleting & extruding module features an advanced pelleting algorithm that allows you to get more efficiency out of your pellet mill compared to other systems. By incorporating material properties of the feed ingredients into the calculation, we can remove the lag in control seen by other systems. By removing the lag time, we can push the mill that much harder without the worry of plugging.



## Key Module Features

- HMI Equipment Control
- Auto Feeder/Steam Adjustment
- Auto Liquid Application Controls
- Inventory Tracking & Transfer
- Equipment Runtime Tracking



## Auto Feeder / Steam Controls

Controls feeder speed, liquid controls, steam controls and pellet mill loads / amps. A graphic display will show % of motor load, tons per hour, and temperature information in an easy to see, real time display.

# Order Management



The order management module allows for seamless order processing that fits your business. These features help remove the headache of paper trails and lost files allowing you to better plan your production and forecast ingredient needs. Effortlessly linking together orders and ingredient usage projection to ensure you are ahead of the curve.

## Key Module Features

Faster Order Input

Phase Feeding Templates

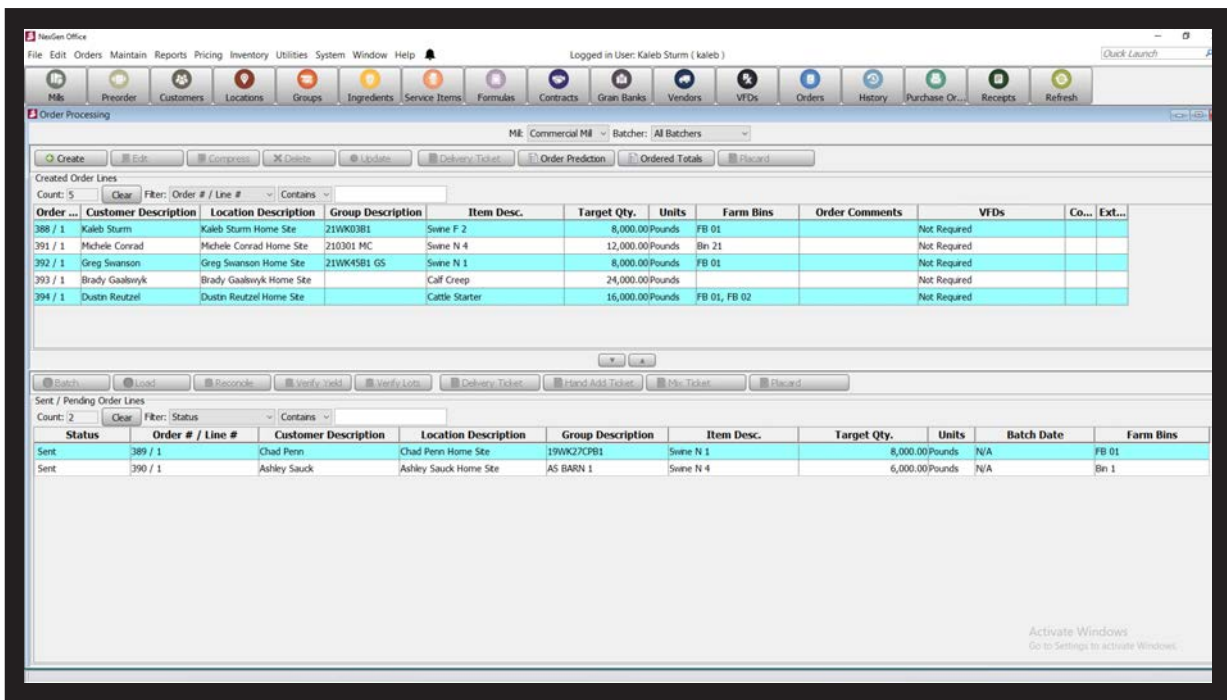
Regulatory (VFDs, Non-GMO)

Farm Bin Scale Integrations

Farm Bin Level Projections

Easily Move Orders To Other Mills

Multi-Mill Capacity



## Full Order Management Capabilities


Place orders manually, via the phone app, web portal, or import through other ordering platforms. Compress multiple orders into larger manufacturing runs to maximize efficiency. Easily move orders between mills to even out production.

# Inventory Management

The inventory management module allows you to view inventory status with a visual representation of quantities on hand. Lot numbers can be tracked, and usage reports are available for traceability and meeting regulatory requirements. Reports can also be run showing ingredient requirements for planned orders.

## Key Module Features

- Empty Bin Marker
- Lot Tracking & Tracing
- PO / Scale Receiving
- Ingredient Requirements



### Inventory Forecast - Weekly

10/28/22, 12:25 PM

EAI

Item	On Hand	Prev. Usage	Current Used	Allocated	Available	On PO	Available + PO
50# Brown Bag	-1,550.00	0.00	0.00	2,000.00	-3,550.00	0.00	-3,550.00
Amm Sulfate	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aureo 90	14,819.24	0.00	50.00	0.00	14,819.24	0.00	14,819.24
Bagging Fee	-61.98	0.00	0.00	0.00	-61.98	0.00	-61.98
Banminth	8,841.59	0.00	0.00	0.00	8,841.59	0.00	8,841.59
Beet Pulp	250.00	0.00	0.00	0.00	250.00	12.00	262.00
Biotlys	56,552.99	0.00	0.00	0.00	56,552.99	0.00	56,552.99
Blood Meal	317.00	0.00	1.00	0.00	317.00	0.00	317.00
BMD	15,714.97	0.00	0.00	0.00	15,714.97	0.00	15,714.97
Canola Meal	214.08	0.00	0.00	0.00	214.08	0.00	214.08
Cereal	76.43	0.00	0.00	0.00	76.43	0.00	76.43
Choline Chloride	10,000.00	0.00	0.00	0.00	10,000.00	0.00	10,000.00
Copper Chloride	3,813.77	0.50	57.60	0.00	3,813.77	0.00	3,813.77
Corn Whole	774,403.66	12,355.00	135,914.56	23,898.07	750,505.59	0.00	750,505.59
Cotton Seed	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Denegard 10	7,040.44	0.00	0.00	0.00	7,040.44	0.00	7,040.44
Distillers Grain	402,184.42	0.00	0.00	787.00	401,397.42	0.00	401,397.42
Fat	29,840.00	0.00	0.00	0.00	29,840.00	0.00	29,840.00



## Full Order Management Capabilities

Inventory forecasting provides on hand, allocated, and on PO ordered to allow for visibility on both current and forecasted production.

# Pricing

The pricing module takes complex pricing structures and automates them for you. Orders can be priced using multiple different methods, such as price levels by customer, price schedules by date, and delivery miles. Contracts and grain banks are easily tracked, and powerful pricing features can be used to calculate advanced options. Specifically built for your unique needs in the feed business, our pricing module takes the headaches out of pricing.

## Key Module Features

- Cost Plus Pricing
- Advanced Pricing Functions
- Grain Banks
- Contracts
- Split Billing
- Toll Mill Capability

**Order #:** 485  
**Total Quantity:** 16,000.0000 Pounds  
**Customer:** Dustin Reutzel  
**Item:** Swine N 4  
**Animal Group:** 21WK30B3 - Dustin  
**Location:** Dustin Reutzel Home Site  
**Price Date:** 10/28/22, 12:22 PM

**Invoice:** Commercial Mill  
**Price Level:** Cost +  
**Formula Version:** 1  
**Group Phase:** 4  
**Formula Markup:** 0.0000  
**Delivery Fee:** 80.0000

**Pricing Functions:**

Selected	
<input checked="" type="checkbox"/>	Pelleting Fee
<input checked="" type="checkbox"/>	Vertical Storage C
<input checked="" type="checkbox"/>	Vertical Drying Ch
<input checked="" type="checkbox"/>	Vertical Discount C
<input checked="" type="checkbox"/>	GB Fees

Item N...	Descri...	Quantity	Units	Cost M...	Source	Price	Ext. Pr...	Grain ...	LO Adj.	Cost	Ext. Cost	Profit
1240	Soybean ...	4,400.0000	Pounds	Market	Contract	\$0.170000	\$748.0000	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$0.240000	\$1,056.0...	-\$308.00...
1230	Salt	64.0000	Pounds	Market	Schedule	\$0.312500	\$20.0000	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$0.250000	\$16.0000	\$4.0000
1060	Corn Gro...	9,331.2000	Pounds	Grain Bank	Grain Bank	\$0.000000	\$0.0000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$0.000000	\$0.0000	\$0.0000
1100	Limestone	88.0000	Pounds	Market	Schedule	\$0.105888	\$9.3174	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$0.090000	\$7.9200	\$1.3974
1160	Monocal	96.0000	Pounds	Market	Schedule	\$1.075000	\$103.2000	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$0.860000	\$82.5600	\$20.6400
Grind & Mix	Grind & Mix	8.0000	Each	Market	Straight ...	\$6.000000	\$48.0000	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$6.000000	\$48.0000	\$0.0000
1050	Copper C...	4.8000	Pounds	Market	Schedule	\$1.500000	\$7.2000	<input type="checkbox"/>	<input type="checkbox"/>	\$1.200000	\$5.7600	\$1.4400
1300	Tryptophan	4.0000	Pounds	Market	Schedule	\$0.587500	\$2.3500	<input type="checkbox"/>	<input type="checkbox"/>	\$0.470000	\$1.8800	\$0.4700
1140	Methionine	33.6000	Pounds	Market	Schedule	\$1.337500	\$44.9400	<input type="checkbox"/>	<input type="checkbox"/>	\$1.070000	\$35.9520	\$8.9880
1290	Threonine	16.0000	Pounds	Market	Schedule	\$0.925000	\$14.8000	<input type="checkbox"/>	<input type="checkbox"/>	\$0.740000	\$11.8400	\$2.9600
1320	Zinc Oxide	48.0000	Pounds	Market	Schedule	\$0.225000	\$10.8000	<input type="checkbox"/>	<input type="checkbox"/>	\$0.180000	\$8.6400	\$2.1600
1120	Lysine Dry	48.0000	Pounds	Market	Schedule	\$0.600000	\$28.8000	<input type="checkbox"/>	<input type="checkbox"/>	\$0.480000	\$23.0400	\$5.7600
1180	Plasma P...	1,840.0000	Pounds	Market	Schedule	\$0.800000	\$1,472.0...	<input type="checkbox"/>	<input type="checkbox"/>	\$0.640000	\$1,177.6...	\$294.4000
1210	Ronozyme	26.4000	Pounds	Market	Schedule	\$1.056250	\$27.8850	<input type="checkbox"/>	<input type="checkbox"/>	\$0.845000	\$22.3080	\$5.5770



## Advanced Pricing Functions

Advanced pricing functions allows you to set up a unique and customizable pricing structures using price level by customers, price schedules by date, and delivery miles. All calculated in one place for ease of use and tracking.

# Maintenance & Safety

The maintenance & safety module brings all of your facility information and data together under one place. When it comes to maximizing your facility's efficiency, having the right information about your equipment and the potential causes for downtime is priceless. This module brings all of that information to your finger tips and allows you to make better decisions.

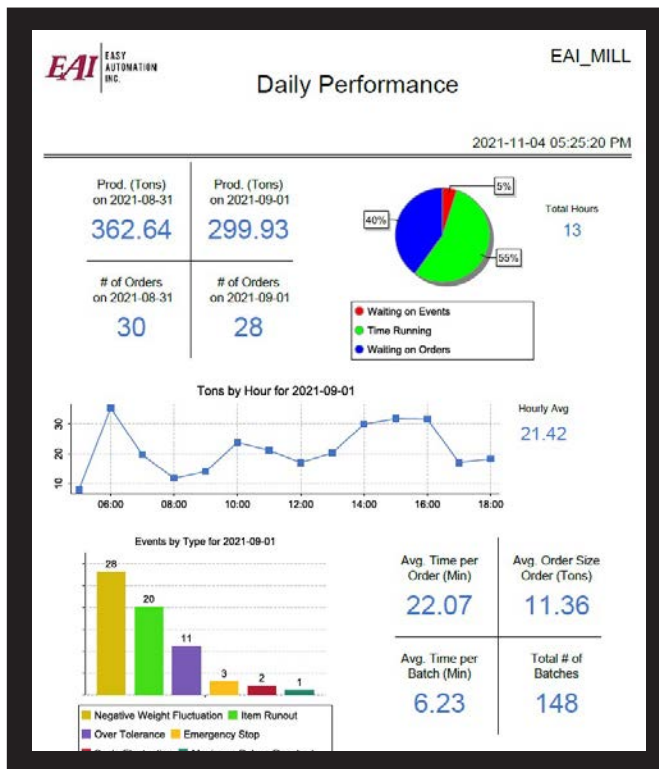


## Key Module Features

- AMP Load Monitoring
- Equipment Run Time Tracking
- Conveyor Plug & Slack Chain
- Maintenance Reminders
- Leg Speed & Alignment Sensors
- Bearing Temp Monitoring

## Equipment Hour Meters

To help prevent downtime due to equipment breakdowns, the equipment hour meters keep track of running hours, alarms, and more.



## Daily Performance Report

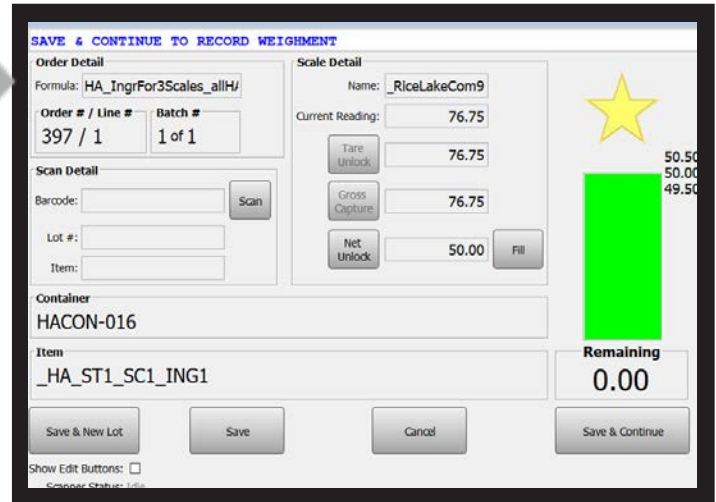
Automatic daily performance report gives an overview of mill activity for each day in a comprehensive, easy to understand format. This overview provides the right information at your fingertips to make the best management decisions for your mill.

# Batching

The batching module provides controls for unlimited weighed, metered and or timed ingredients. Automatic free-fall, pulse length, and high-speed shutoff adjustments at the scale or ingredient level, provide for improved weighing accuracy for all batch weight. Customized for your facility, minimize your downtime with automated batching capabilities.

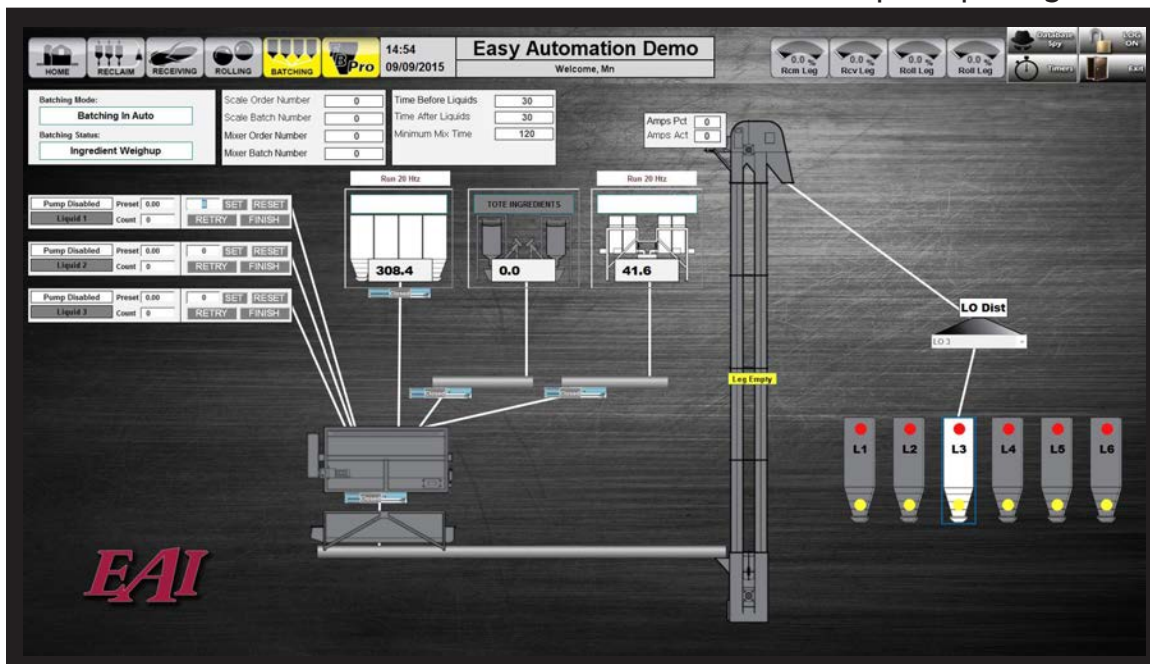
## Key Module Features

- Auto Batching
- Lot Tracking
- Feed Tags
- Flushing
- HMI Equipment Control
- Hand Add Workstation



## Hand Add Station

Hand Add Station allows for increased accuracy and traceability by implementing barcode scanning, lot tracking, and inclusion weight verification, all in a complete package.



## Auto Batching & HMI Control

Fully customizable, HMI rendering of your facility to help with ease of use and straight forward auto batching capabilities.

# Loadout

The loadout module allows you to not only have complete control over your operation's loadout process, but also extremely accurate and traceable records of your loads, all captured automatically without your manual effort. With technology today, utilize cameras, tablets and unattended stations to ensure your loadout is the most efficient as possible.

## Key Module Features

- Loadout Bin Inventory Tracking
- Bagged Sales Order Processing
- Truck Compartment Traceability
- Tablet & Camera Loading
- Weigh Lorry or Shuttle Systems

LO 05	LO 06	LO 07	LO 08
Bin #: 804 Cap: 60,000 (30.00) Cust: Lehde Farms Item(N): Finisher 4 Item(D): Finisher 4 Qty: 12,110 (6.06) Orders: 291 / 1	Bin #: 805 Cap: 60,000 (30.00) Cust: Item(N): Finisher 1 Item(D): Finisher 1 Qty: 0.00 (0.00)	Bin #: 806 Cap: 60,000 (30.00) Cust: Item(N): Finisher 3 Item(D): Finisher 3 Qty: 0.00 (0.00) Meds: BMD 50	Bin #: 807 Cap: 60,000 (30.00) Cust: Lehde Farms Item(N): Finisher 4 Item(D): Finisher 4 Qty: 47,916 (23.96) Orders: 219 / 1 218 / 1

## Whiteboard Loadout

Feed on top of feed safeguarding is built in as to not allow a destination bin to be selected if the formula doesn't match what is already in the loadout bin. Whiteboard function displays previous formulas in a bin and color codes medicated feeds for easy identification.



**WHERE MATCHLESS SERVICE MEETS  
PRACTICAL ENGINEERING FOR  
EXCEPTIONAL SOLUTIONS.**



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