

ENIGMATY

Industry 4.0

With
intell - i
Platform

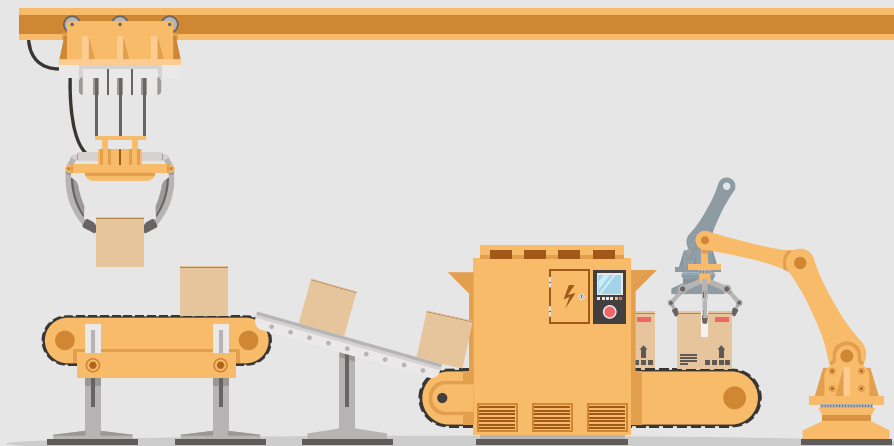
Modern
Industrial
Revolution

ENIGMATY.COM

What is **Industry 4.0**?

Also known as Industrial IOT, Industry 4.0 is 4th iteration in industrial revolution; with the help of cutting edge modern technologies like Artificial Intelligence, Advance Robotics, Powerful Software and Complex Computer Networks Industry 4.0 leverages the power of smart machines and real-time analytics which gives advantage of the data that machines have produced for years.

The driving philosophy behind Industry 4.0 is that smart machines are not only better than humans at capturing and analysing data in real time, they are also better at helping drive business decisions faster and more accurately.



Current Challenges

Factories face number of problems which can cause loss in your production, This can be solved by Industry 4.0 which are listed below

- Automation and Enterprise Systems – Operating and Working in Data Silos
- Data driven decisions not being adopted by management
- Lack of Integrated Operational Efficiency
- Lack of insight into machine
- Production line performance, production downtime and losses in real time.
- High reliance on manual and paper reports to determine productivity and plant performance



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We can Solve Your **Problems**

In this modern era manufacturing plants still have huge amounts of day-to-day manufacturing problems however Industry 4.0 can solve most of that problems like.

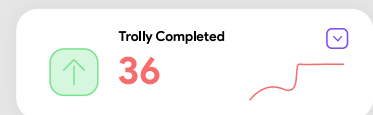
- Real-Time Production Trends & Reports for immediate analysis
- Predictive Analytics – Future Planning & Effect Insights
- Smart Alerts – Custom Rule-based Alerting & Offline Monitoring
- Full Machine Automation And Rule - Based Decision
- Fault Monitoring System
- Quality Assurance System



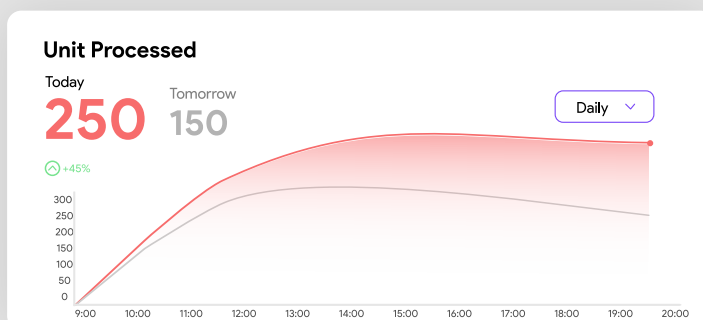
Production Analysis

With analytics and statistics you can make your production more efficient with increase in reliability of your plant. With the help of Enigmaty's intell - i industrial software you can get data like:

- Equipment Efficiency Analysis & Details
- Batch/Production Performance
- Production Loss Analysis
- Product-wise Efficiency and Wastage Analysis
- Operator Performance



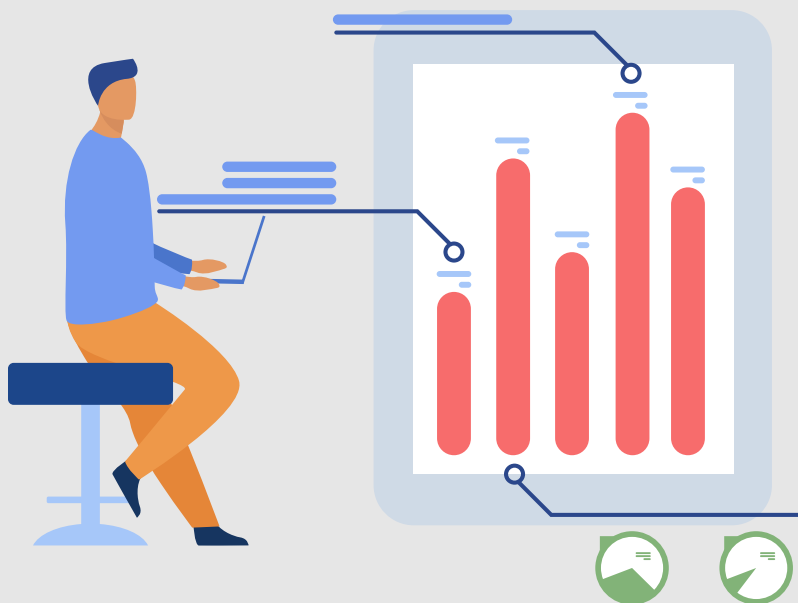
Advanced analytics such as these can deliver earnings before interest, taxes, depreciation, and amortization improvements of as much as 4-10% at a time when companies are being squeezed by constantly reducing profit margins.



Predictive Analysis

Every industry gets down time in which most of the time they are unexpected which can cause huge amount of loss at important times, However Industry 4.0 can save that loss by predicting next maintenance time which can reduce 30-50% downtime and 20-40% increase in lifespan of machinery.

Our intell-i Software can predict Maintenance time by using huge amount of data set and smarter self learning predicting algorithms.



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Enhanced User Access Control

Enigmaty intell-i's User access control feature allows admin to give access of software with different types of data access so everyone in organisation can access data but with different types of data access policies.

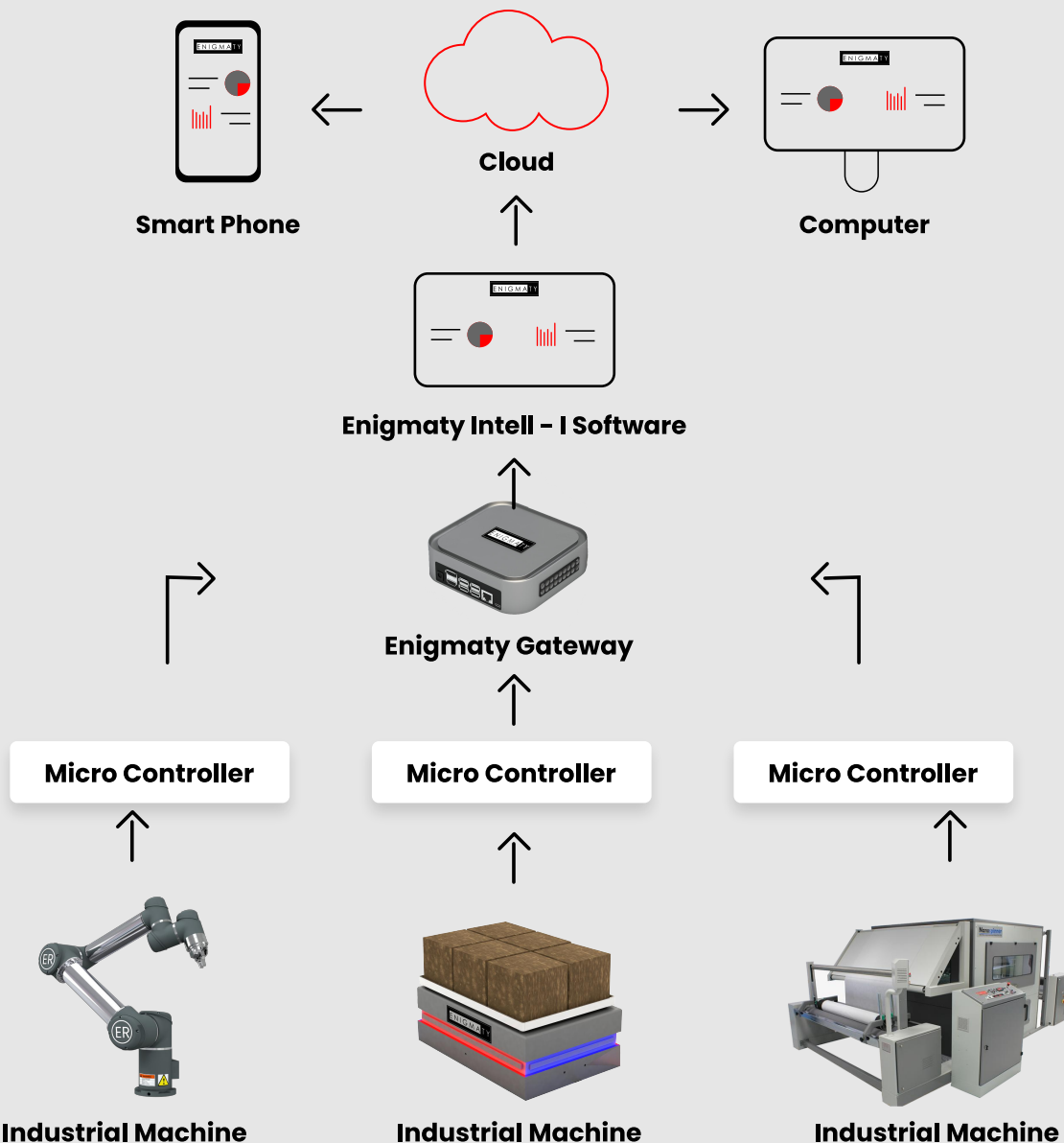
Audit trail of actions with time stamps improves auditing and compliance, making it easy to improve accountability.



How we Automate?

We make amalgam modern technologies and use it in the way it can help you drive your business more efficiently.

Enigmaty Uses reliable micro controllers, Modern network architecture, Custom made gateways, Computer Intelligence, Cloud Network and Experienced Engineers at your benefit. Take a look at our Automation System Architecture.



Industry 4.0

Benefits

Let's talk about what you get out of industrial 4.0, Enigmaty's Industrial Automation can automate your most of the plant which provides a number of benefits listed below

- Increase Machine Longevity
- Increase Machine and Staff Safety
- Increase Your Productivity
- Better Product Quality Assurance
- Increase in Operational Efficiency
- Remote Data access
- Reduction of human Errors
- Increase Your ROI
- Efficient resource Utilization
- Mobility & Agility
- Real Time Production Monitoring
- Manufacturing Losses Reduction
- Warehouse Management

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Want to upgrade your manufacturing plant
to **industry 4.0 standards?**

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