

Industry 4.0 -Start your digital transformation on the shop floor

We Empower your shop to Digital Transformation

At LDS, We will Build your own Industry 4.0-ready vertical applications, through open API's or leverage our customized solutions.

Our Industrial IoT platform and Industry 4.0 Solutions increase productivity through real-time visibility, and deep DIVE manufacturing analytics ,Designed for manufacturers that uses CNC machine tools

Our solutions are modular , scalable and path breaking for your production.



LAKSHMI DIGIPRO SYSTEMZ

11/1, V.G Rao Nagar,
Phase -II, Ganapathy,
Coimbatore, India
641006

LAKSHMI DIGIPRO SYSTEMZ

About Us

LAKSHMI DIGIPRO SYSTEMZ (LDS) is based out of Coimbatore and founded by team of technocrats comprising industry veterans averaging 15 + years of experience in CNC machine Maintenance ,reconditioning and software development.

We offer digital solutions to improve the productivity and efficiency of the machine and machined components.

Contact Us

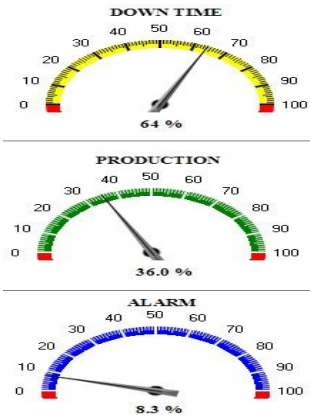
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LAKSHMI DIGIPRO SYSTEMZ

Gateway to Industry 4.0

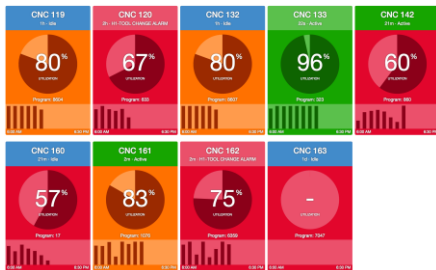
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Promax-i -Production Monitoring Solution

Promax-i

Promax-i is real-time machine monitoring software that automatically collects, reports, charts and processes real-time shop floor manufacturing data including OEE, cycle time, idle time, setup time, Alarm history, machine downtime



Our Products

1. EAZY OFFSET EZ4000
2. Promax – I

“ Measure , Manage and Maximize”

EAZY OFFSET EZ4000

Lakshmi DIGIPRO SYSTEMZ has simplified IoT connectivity with a ‘state of art’ device called ‘**EAZY OFFSET**’ - used for CNC LATHE AUTO offset correction.

Poor Production Visibility and Manual data entry lead to inefficiency and delays ?

No Problem ! Promax-i improves manufacturing by supplying accurate shop floor productivity KPIs and metrics to improve operations and to make better decisions



EAZY OFFSET EZ4000

Our Products

EZ4000 is key to industry 4.0 which does offset correction based on the digital gauge measurement executed automatically using digital processing technology.

Promax-i creates a continuously up to date knowledge base of your manufacturing performance. It quantifies how well your machines, people and parts are produced

Eazy Offset and Promax -i are created using state of art technologies and they would enable your shop to take your shop one step closer to Industry 4.0



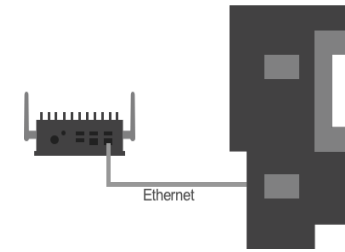
EZ4000 ideal for CNC Lather Offset Correction

Features of EZ4000

- **EAZY OFFSET** is plug and play and connects to most modern machine tools via ethernet.
- Protocols supporting plug-and-play ethernet connectivity include: Fanuc, Siemens and Mitsubishi
- **EAZY OFFSET** can Collect data points from CNC Machines include Status, Modes, Alarms, Overrides, Feeds, and more

EAZY OFFSET EZ4000

- Allow operators to add human-context to machine data with a touch screen
- With touch screen , operator can set parameters , clear alarms and manage /record quality data from **EAZY OFFSET** itself
- Offset correction history can be downloaded into any portable storage device which can be used for performance analytics
- **EAZY OFFSET** can Collect data points from CNC Machines
- **EAZY OFFSET** can Collect data points from CNC Machines include Status, Modes, Alarms, Overrides, Feeds, and more



Easy and simple to connect with your CNC via ethernet

As **EAZY OFFSET** is IIoT driven technology , it can accommodate any customized features required for the particular industry

EAZY OFFSET can serve customized features based on the industry and domain requirements

EAZY OFFSET is a portable device which can be connected to the CNC machine in Wi-Fi mode

Without EZ4000

- Shortage of skilled operators to run CNC lathe machine to check and correct offset
- Human errors occurs which results in accidents while correcting offset
- Cpk value of the components are poor as operator manually adjusts offset maximum tolerance level
- Offset adjustment manually is time consuming which results in production loss
- Operators checks components at random and records inspections report with proper validation
- Inspection record which are done manually are available for only few days, and can be damaged or lost permanently
- Production floor do not use EAZY OFFSET a key to industry 4.0 would stay behind and lack production efficiency and production quality

With EZ4000

- CNC lathe production can be managed by unskilled or less human intervention as EAZY OFFSET correct the offset automatically
- Accidents and human errors can be avoided
- Cpk is good and accurate as EAZY OFFSET corrects very closer to tolerance limit
- Offset adjustment time is saved as the EAZY OFFSET does in real time basis
- Component rejection is null as the machine will not run if the component is not checked by EAZY OFFSET
- Inspection record and all offset correction is stored and available for the analysis any time and any where
- EAZY OFFSET would take your production shop one step closer to industry 4.0 and would improve your production efficiency and productivity



EZ4000 with CNC and Airgauge

Benefits of EZ4000

EAZY OFFSET will help you to correct the offset value automatically based on the Digital Gauge Measured value.

Productivity is improved by eliminating the time required for offset correction.

Human error is eliminated during offset correction and thereby eliminating the accident.

Skilled operator requirement for machine running is eliminated.

All the measured values are recorded with time and Can be retrieved.

Machine interlocked with Component measurement and rejection / poor quality is eliminated



Strong Digital Analytical Tool for your Shop

Promax-i

- ✓ Track OEE and Manufacturing Efficiency
- ✓ Identify Production Bottlenecks
- ✓ Take action with real time notifications
- ✓ Measure Process improvements
- ✓ Enhance Shop Floor Communication

Promax-i

Factory Floor Workers to Meet and exceed Production Goals

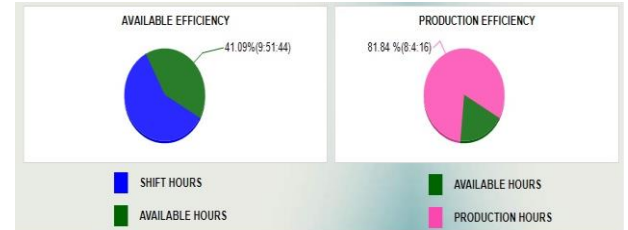
Improve Manufacturing Efficiency

Reduce Production Wastage and increase profits

Anytime and Anywhere you can take your shop with powerful analytics



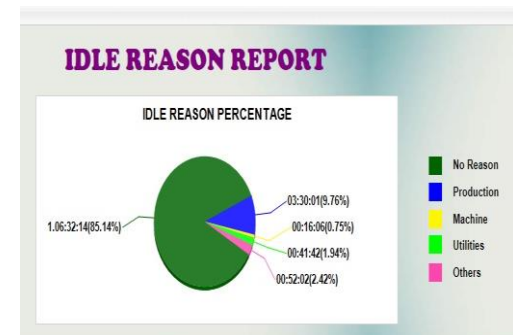
Keep score of your shop floor productivity with Promax-i. Every second is tracked per machine, job, part, operation, shift and person. Real-time dashboards displays current machine, part, job, operation and personnel status. Multiple engineers, supervisors and managers can view dashboards from any networked PC.



Promax-I can give you any type of real time reports

With Promax -I, you can get the following

- Idle time and Breakdown time reports
- OEE
- Alarm Reports
- Spindle Monitoring tool Reports
- Productivity Efficiency
- And all Customized reports





Let's Work Together

How we Work ?

1. An initial discussion to understand your requirements and your goals.
2. An on-site discovery meeting so our team can contextualize your requirement by seeing the manufacturing environment.
3. We'll position LDS and our products in your business with a software/hardware demonstration
4. We'll provide a formal quotation of our solution.

Thank you

To Book a Demo

Please contact

Phone: **+91 7448322777**

Email:

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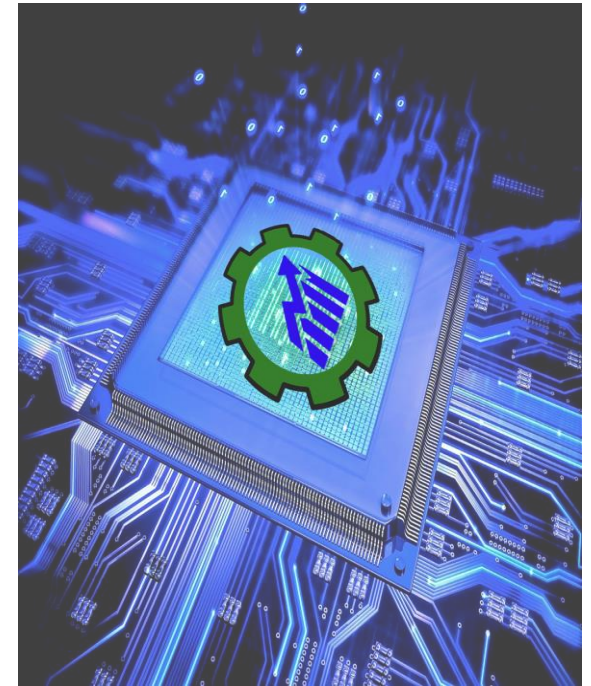
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