

IoT & AI BASED SOFTWARE FOR CNC MACHINES

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ABOUT PROJECT

Our client in the US is well renowned for manufacturing customized CNC machines for Windows & Doors since 30 years. Their business needed to evolve from selling CNC machines to a company that builds Intelligent CNC machines enabled with IoT & AI based software. They required a solution for better production management and a product that can be sold as an ERP system in the future, that eventually turns into a revenue stream.

THE REQUIREMENT

- Migration and Upgrade to IoT & AI based Solution
- Centralized & Remote Management on Cloud
- Highly Secured IoT enabled System
- AI based Predictive Analytics
- Ease in Production Management & Connected Operational Intelligence
- High end Customization to Meet Different Requirements



“ We upgraded the existing solution for our client and brought a new revenue stream with IoT and AI based Predictive Analytics system ”

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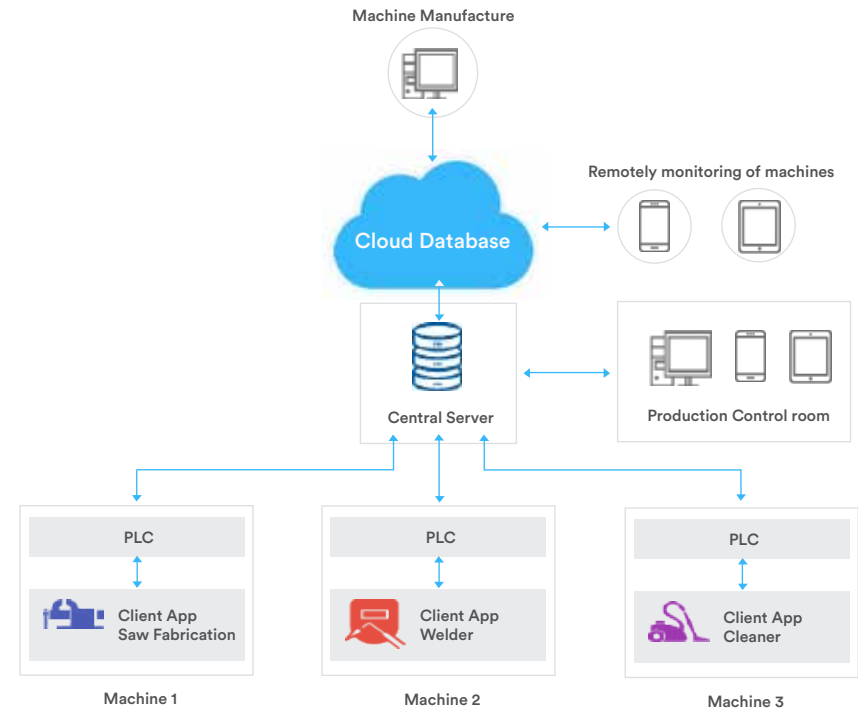
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THE SOLUTION

- Responsive UI & Touch Enabled Smart Navigation
- Synchronization of Data & Waste Control Management
- 2D & 3D Visualization for Cutting & Punching
- Component Management System
- Fabrication Process Algorithm
- Permission based Access for Multi-level Roles
- Alarm System for Tracking Errors, Tools & Backup
- Cloud based ERP System
- AI based Machine & Material Optimized System



THE BENEFITS



Smart & Upgraded Software System



Higher Precision & Accuracy



Saving of Time & Efforts



Improved Efficiency in Management



HELIOS
SOLUTIONS