

Company Profile: AgilePlant.AI

Article Courtesy of Agile Plant Solutions

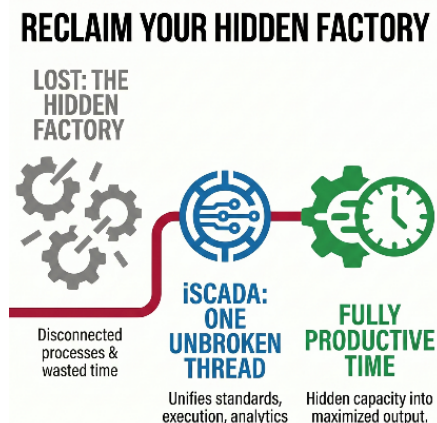
Agile Plant Solutions, a Virginia-based technology company, is redefining the manufacturing landscape by providing a single, unbroken thread for lean manufacturing. We recognize that modern manufacturing is a complicated beast where standards, execution, and analytics often live in disconnected silos, making continuous improvement more difficult than it needs to be. Our mission is to unify these phases into a single operational reality through our iSCADA system.

Product: The iSCADA System

Our data and control software, iSCADA, operationalizes lean philosophy within one extensible framework that allows manufacturers to see and manage the entire production system. Built entirely in a language inherently friendly to AI coding, iSCADA provides a foundational platform that gives you total control over every aspect of your manufacturing processes.

Key Features and Capabilities:

- **Advanced recipe management:** iSCADA seamlessly converts recipes into production workflows, aligning formulation directly with manufacturing execution. It features comprehensive versioning to ensure that every change is documented and accessible, while also supporting experimental changes for controlled testing and easy reversion.
- **Streamlined process management:** Just-in-time (JIT) planning is a built-in feature to optimize production schedules and inventory levels. The system offers real-time monitoring and error-proofing to identify issues promptly, minimizing downtime and waste. Data is translated into actionable insights through intuitive infographics and traditional tools like statistical process control (SPC) and business intelligence (BI).
- **AI and Advanced Robotics Integration:** Beyond traditional SCADA features, our system is designed for the rapid adaptation of emerging new technologies. We utilize AI agents to automate various aspects of the manufacturing processes. We have also defined specific protocols for integrating advanced robotics into the production line.



Partnership and Growth

Agile Plant Solutions is working with industry partners to explore the science and application of AI to accelerate innovations in manufacturing. Whether you choose to fully own your system or outsource it for future evolutions, our platform is built to grow with your facility.

We invite potential partners and investors to visit us at Booth #35047. We are also recruiting students with a passion for robotics and physical AI to join our mission of masterminding the factory of the future. Send your questions or resumes to us at solutions@agileplant.ai.