

CAD/CAM INTEGRATION

Driving Manufacturing
Productivity for Over
Two Decades



SuiteFactory Products

Document and Records Management Job Packages
DNC Wired and Wireless Ethernet Networks
Wired and Wireless RS-232 Consulting Services

Serving the Manufacturing Community

Providing computer assisted technologies to improve the quality of manufacturing, reduce the amount of time in the design to manufacturing process, and reduce the cost of manufacturing.

Products and Services

SuiteFactory™

*Languages Supported: English
Chinese
Japanese
...Spanish*

Enterprise Class Solutions

Take control of all your computer files: office, engineering, manufacturing, legal . . .

- SuiteFactory™ can monitor and record "who, what, where and when" for every controlled item from conception to final archival.
- SuiteFactory™ can be deployed on a single Windows™ XP/2000 PC, a Local Area or an Enterprise Wide Network.
- It is fully end-user configurable. Configuration is simple and intuitive.
- Database driven for security and reliability. This is a basis for ISO 9000 compliance.
- Rights to features controlled by administrator configured user logins.

Components of SuiteFactory

- *SuiteDNC* for managing your part program files, CNC communications and more . . .
- *SuiteDNC-Lite* for simple up and downloading to manage your part program files, CNC communications and more . . .
- *SuiteDocs* for managing the rest of your documents. Storage, checkout and retrieval from electronic file cabinets.
- *SuitePacs* organize controlled, uncontrolled and dnc files into job packets.
- *History Reports* automatically capture all document changes for real-time display and or historical reports.

Installation/Training

- Shop floor or office network installations
- On site training

Networking

- Network configuration and setup

Custom Software/Consulting

- Special software to your specifications
- Consulting services for shop floor or office control and networking applications

BTR's

- Our own Behind the Tape Reader interfaces for your older numerical controllers

For more information call, Fax, email or visit our web site:

CAD/CAM Integration, Inc.
76 Winn Street Woburn, MA 01801
Tel: 781-933-9500
Fax: 781-933-9238
Email: sales@suitefactory.com
Web: www.suitefactory.com

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Strategic Business Decisions

To provide computer assisted technologies that meet the client's strategy to improve the quality of manufacturing, reduce the amount of time in the design to manufacturing process, and reduce the cost of manufacturing. In the end this will allow our clients to better serve the needs of their customers.

To offer a continued and supported upgrade path for all clients over an extended time frame.

To maintain business operations through ongoing sales revenues and profits.

To develop strategic relationships with system integrators, value-added resellers (VAR's) and original equipment manufacturers (OEM's) of computer-based manufacturing equipment and targeted end-users as the primary means of product distribution.

To design systems for both non-sophisticated and sophisticated applications with a clear expansion and upgrade path.

To adhere to industry standards.

To employ customer support oriented personnel

Strategic Product Direction

CAD/CAM Integration, Inc. products are based on standard operating environments and off-the-shelf hardware and networking platforms for system portability, long-term maintainability and support.

CAD/CAM Integration, Inc. follows industry standard networking and communications protocols and will continue to follow these standards as they develop

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Accomplishments

- First multi-tasking real-time DNC on a Unix minicomputer – DNC68000
- First fault-tolerant BTR
- First Unix based DNC on the first 'IBM' XT PC's – DNC1000
- DOS based DNC on 'IBM' PC's – DNC500
- First application on DNC on a LAN – at Bendix on a Novell network
- Manufactured PC based, custom packaged, Unix, Network Communication Servers – installed over 200 units at Pratt & Whitney alone.
- Custom database based system for the US Army. Implemented on a shop wide Novell network incorporating DNC with graphic document viewing and packets, DNC program tracking from request to test to approved with change order tracking. Includes automatic data collection for automatic machine status collection – DNC5000 at Tobyhanna Army Depot.
- Custom database based Closed Loop Manufacturing System for Pratt & Whitney and US Air Force. Incorporating the US Army system, with the addition of a real-time Unix based SPC server to which data from automatic probes on production machine tools is sent for real-time SPC analysis with warnings electronically mailed back to machine operators. DNC5000 Closed Loop at Kelly Air Force Base.
- Custom database based DNC with both digital and analog automatic real-time data collection for the Dept. of Energy. DNC5000 at Pantex nuclear weapons facility.
- DNCwin 32 bit database controlled DNC system for Windows 95/NT
- DNCplus improvement on DNCwin with communications engine separated for user interface. Optional document/job packet options.
- SuiteDNC-Lite – for small to medium shops – strictly DNC for upload/download.
- Suite Factory – un-bundled array of applications centered on document control, storage and viewing. Includes SuiteDocs, SuitePacs, SuiteDNC, etc.

Other offerings

- Wireless DNC Network design and installation
- Network design and installation
- PC setup and maintenance
- Lightning protection
- Web site development
- Machine monitoring