

# Jon Thomas Stokkeland

4841 E Bucktooth Run Rd, Little Valley, NY 14755

(585) 981-###

###@machinecontrol.net

<http://machinecontrol.net/stoke/>

## Objective

I am NOT Looking at this point.

## Work Experience

2011 May - Present **Sr. Systems Network Administrator**  
Zippo Manufacturing, Bradford, PA ([www.zippo.com](http://www.zippo.com))

- Everything that plugs in

2008 March - 2011 May **IT Coordinator**  
Seneca Nation of Indians, Salamanca, New York. ([www.sni.org](http://www.sni.org))

- Managed 9 employees in 2 locations - 4 engineers
- Project initiation, Development, RFP/Bid Process, management and implementation
  - replaced all Fiber Optic Infrastructure for 2 campuses, 29 buildings.
  - replaced all Network Switch and Routing electronic to Cisco. (2 cores, 4000 ports)
  - replaced Entire Phone System with VOIP. (650+ endpoints, Shoretel)
  - User migrations from one AD Forest to Another (2003 to 2008) including Exchange 2003-2007 moves.
  - Financial System move from BlackBaud Fundware to Microsoft Dynamics NAV Serenic, MS-SQL, Integrations
- Established structure in IT, Leveled support system, P&P, Ticketing, Inventory/Assets, renewal cycles.
- Cost Saving initiatives; Virtualization, Fax-Servers, Remote-assistance, Automation/Deployment, MS-EA, Sharepoint
- Backup Systems, Storage Management, disaster recovery, security.

2004 February - 2008 March **Network Administrator**  
Seneca Nation of Indians, Salamanca, New York. ([www.sni.org](http://www.sni.org))

- Responsible for all aspects of all LAN/WAN/SAN/systems,multiple campuses, 30+ buildings..
- Development and tweaking of in-house web applications and services, installation/modification/integration of open source software, integration and data transformation.
- Specify/Recommend systems/specs from mobile devices/desktops to Servers and Storage, renewal cycles, maintenance etc., manage and specify systems administration, create and maintain procedures.
- Windows/AD/Exchange/MS-SQL/IIS/ISA, Debian Linux, Cisco, Nortel, Lefthand SAN, VirtualIron/Xen, Fortinet. Plan, Project, Configure, Deploy all hardware and most software throughout the organization, SAN Startups, OSPF, Etc.

1999 August - 2004 February **Automation and Control Systems Engineer**  
Highland Injection Molding Inc., Salamanca, New York. (Custom Injection Molding)  
(This company is now named East End Plastics; I still do consulting for them on a regular basis).

- Plan, Project, Program, Deploy and Document retrofits of control systems (PLC/HMI/PC) and electrical for Injection Molding Machinery, accessories, and equipment. (Mostly Allen Bradley and Wondeware).
- Engineer new and change/optimize automated production systems, conveyor systems, stack/palletize, stamping, product quality control etc - PLC/HMI and Integration with monitoring system.
- Troubleshoot and repair of Injection Molding Machinery, assembly/support equipment, and plant installations. Relay controls, PLC, PC/Proprietary, Electrical, Hydraulics, and Pneumatics.
- Development of production/process/warehouse monitoring network and integration with intranet/ERP systems using Linux, Python, Perl, PHP, VB, C and more. (Getting process and production data from PLC's, Barcodes, intranet portal, for our in house applications, ERP, and integration).
- IT/Systems and Network administrator; installation and maintenance of ERP system (W2K/Macola/Pervasive), network servers (Win/Linux/Unix), LAN/WAN, workstations and user/application support.
- Development of Intranet system for integration with ERP and Production monitoring (Linux/Apache/PHP/MySQL/PLC-communications).

1998 June - 1999 May **Programmer and Service Co-ordinator**  
Larsen Automasjon, Tyrstrand, Norway. (Machinery Manufacturer)

- Established and managed programming (PLC/HMI), Service and Electrical department.
- Hiring and Training of controls and service engineers.
- Plan, Project, Design, Manage, Program, Deploy and Documentation of control systems (PLC/HMI) and electrical for packaging and product/material handling machinery for automated production line environments.
- Assist project and mechanical engineers with development of solutions, project plans and quoting.
- Service, installations, repairs, retrofit, and technical support all over Europe, lots of interaction with customers.
- IT Administrator; Workstations, Server, LAN/WAN, NT, Novell, UNIX CAD stations.

**1991-1998** At Nor-Reg AS, Honefoss, Norway. (Packaging Machinery Manufacturer [www.nor-reg.com](http://www.nor-reg.com)) - 2 positions:

1993 March - 1998 May **Programmer (PLC/HMI Engineer)**

- Planning, Programming, Deployment, Testing, Documentation, Installation, Service and technical support of custom packaging machinery worldwide.
- Controls (90% Siemens Simatic, tons of other kinds per customer specs), Electrical, Pneumatics, and Robotics.
- Lots of field engineering in customers facilities, fitting machinery to local process and product variables.
- Developed operator manuals, and internal documents/templates, procedures
- A good portion of my time was with the R&D dept. on pilot projects and new technology, many Siemens courses and workshops, we also partnered with Siemens on pilot projects utilizing new Simatic controls/systems.
- Specialized in Near-Real-Time PLC programming, IRQ's, Cam Control, Positioning, Glue Applications.
- Assisted in workstation and network management, NT, UNIX. Assisted with implementation of TCP/IP.

1993 September - 1994 May; Served in the Royal Norwegian Air force (10 month Interruption, returned right back to work)

1991 July - 1993 March **Apprenticeship**

- Apprenticeship (19 Mo.), Exam and Degree (finalized on April 4th, 1993), Automation & Mechanical Subjects.
- In house, hands on, mechanical, electrical, and controls/programming - startup, troubleshooting, optimization.
- Installation/service with travel throughout Europe.

### Skills

- IT-Systems: Linux, Windows (up to 2008R2), AD/GPO, MS-SQL, MySQL, Oracle/vIron, Citrix, VmWare, KVM, Xen
- IT-Development: Perl, PHP, Python, Delphi, VB/C#, VBScript (Access/Excel)
- IT-Software: MS-Office/Visio, ERP/MRP (Macola), MS Dynamics NAV, Sharepoint, BackupExec, Acronis, ArcServe
- IT-Networking: Cisco IOS, SAN/iSCSI, 802.1x, Cisco Wireless, Fiber Optics, OSPF, Palo Alto, Juniper, CheckPoint
- IT-Storage: Lefthand, Equallogic, IBM, Compellent, GNU/Linux based
- PLC: Siemens Simatic S5, S7. Allen Bradley SLC. Mitsubishi. Modicon, Omron, Hitachi
- HMI: WonderWare, Siemens, Allen Bradley, Omron, Modicon, VB
- Industrial networking: Siemens PPT/L2DP/Profibus/ASI, TCP/IP, Modbus, DeviceNet, CANopen

Those are all the items I done quite a bit of work with, I have over the years touched on many more systems/brands/etc. I believe that my most important skill is the ability to figure things out (troubleshoot anything), adaptability, logical sense, versatility, and willingness to use my hands on and get dirty when needed, I do believe I have some diplomatic skills as well.

### Education

1988-1991 **Automation & Mechanics**, 3 Years Technical College, Tinius Olsen Skole, Kongsberg, Norway.  
+ 19 Months Apprenticeship and Exam/Certificate (Degree) at Nor-Reg AS, 1991-1993.

### Military Service

1993-1994 **Kp. Electro-Mechanical Weapon Systems Assistant, F16, Flight Line.**  
Mandatory military duty (All males in Norway). F16 Aircraft weapon systems and explosives.

### References

Available upon request.

### Miscellaneous

**Industrial Automation** - I still take on tasks here and there, troubleshooting or retrofitting/installing industrial control systems for local factories and previous employers, PLC or PC based controls, networking etc.

**Other Educational** 1994-1998 Siemens workshops and courses; specialty cards (IM/IP/FM), networking/field-IO ++

**Hobby** - Web and e-commerce application development, web hosting and all kinds of Internet and web related things. Computer repairs/build/install, routing and firewall setups and HA systems with Linux, PC controlled devices and more. I have been teaching some computer classes for the continuing education program at the Salamanca High School.

**Home Automation** – Just a hobby, I usually have some project going on making things do stuff at home (PC control).