

# CRAIG VOGELI

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## INFORMATION SYSTEMS MANAGEMENT • SCIENCE & ENGINEERING

**Innovative IT Principal** with 15+ years of experience leading organizations to greater efficiency, stability, and growth by transforming information systems to align with business objectives.

**Areas of Expertise Include:** Team Building • Strategic Planning • Risk Management • Productivity Improvements • Data Analysis and Analytics • Change Management • Cost Savings • Continuous Improvement • Security

## RELEVANT EXPERIENCE

### EXECUTIVE AND SENIOR LEVEL IT MANAGEMENT

- Developed a group of IT specialists and application developers to implement a strategy for restructuring the existing information system into a well-integrated system that was proven to be highly reliable and allowed for future growth
- Created standards for IT services: Software development lifecycle; Change management; Automated service review and KPI monitoring; Hardware lifecycle; Help Desk services and metrics
- Led the development and maintenance of the IT systems for a 2,000-employee high-tech company over the course of ten years of technology changes. Aligned IT infrastructure with the company's long-term strategy and proposed innovative solutions to address information deficiencies and security risks

### CYBERSECURITY

- Acting as corporate information security officer, led the development of policies and procedures, disaster recovery, security controls and vulnerability assessments. Identified risks and implemented cost effective countermeasures
- 5 years of SOX IT audits for a high-tech solar cell manufacturer
- 3 years of PCI audits for a performance auto part distributor
- CompTIA Security + certified

### SMALL BUSINESS PROTAGONIST

- Develop backup and disaster recovery plans and monitor small business computer systems
- Design hardware and software utilizing NAS and Synology technology that interface with Microsoft Azure cloud applications
- Design and develop software to utilize IOT technology to monitor critical systems, temperatures, and equipment. Developed a small network of single-board computers to interface with Azure IOT through a local gateway
- Implement migration of local systems to Microsoft Office 365
- Design and support WordPress websites and develop SEO good practices
- Support a defensive strategy against virus and ransomware attack

### SCIENCE AND ENGINEERING

- Directed the development of new solar cell technologies from inception to production, serving as the key liaison between advanced R&D and manufacturing. Achieved greater efficiency by proactively addressing design and development issues. Prototyped, supported, and validated new customer designs
- Led a group of system engineers that supported the PLC and SCADA systems for the automated assembly of solar cells/modules. High value projects include:
  - Inline solar cell measurements that replaced off-line QA
  - Automated solar cell measurement at key locations allowed for power manipulation of module production

### MAJOR PROJECT LEADERSHIP:

Selection and implementation of Microsoft Great Plains ERP

Selection and implementation of GE Proficy Plant Applications MES

Implementation and integration with custom ERP Accellos Warehouse One (WMS)

EDI Implementation and integration with custom ERP

## OTHER PROJECTS:

**Cloud:** MS Office 365, numerous enhancements to ecommerce and ERP custom code, IoT

**Communication Systems:** MS Exchange; Ektron content manager

**Manufacturing Execution Systems:** In-house developed with data mart front end

**IT Infrastructure:** Cisco networks; Juniper SSL VPN; Blue Coat WAN optimizer; Cyberoam UTM; VMware, SAN and NAS upgrades; Backup and Disaster Recovery

**Security Systems:** Checkpoint firewalls; Juniper firewalls; SafeNet eToken authentication; Imprivata One sign; MDM

**Business Systems:** Sales-I CRM; MS CRM; Goldmine CRM; Business Scorecard Manager; Proclarity

**Information Systems:** Crystal Reports; MS SQL; SSIS & SSRS; SharePoint

**Document Control Systems:** Custom developed; Master Control

**PLC and SCADA systems:** Proficy iFix and iHistorian; Siemens PLC; ABB

### Management Skills:

- Identify and execute technology roadmaps
- Strong communicative and collaborative skills
- Team building
- IT and Operations Project management
- Budget management and cost saving
- Multiple project management
- Group Mentoring
- IT Governance
- IT Steering Committee Coordinator
- Security audits

### Technical Skills:

- Performance dashboards
- Process flow design
- Cyberoam Firewall technology and rule base development
- Cyberoam IDP
- Nessus vulnerability scans
- Data acquisition and management
- Exchange administration
- SolarWinds Log and Event Manager (SIEM)
- Symantec endpoint protection
- R and Python programming and data analysis
- Tableau visualizations
- Windows domain
- Checkpoint & Juniper Firewall Administration
- Cloud based disaster recovery
- Web design and SEO

## Recent Employment History

Owner VICE PRESIDENT, TECHNOLOGY AND INTEGRATION	Pioneer Solutions LLC MOTOVICITY DISTRIBUTION	North Branch, MI Madison Heights, MI	09/01/2016 to Present 03/18/2013 to 04/20/2016
DIRECTOR OF APPLIED RESEARCH AND DEVELOPMENT	UNITED SOLAR OVONIC LLC	AUBURN HILLS, MI	07/01/2011 to 07/01/2012
DIRECTOR OF INFORMATION TECHNOLOGY AND INFORMATION SYSTEMS	UNITED SOLAR OVONIC LLC	AUBURN HILLS, MI	07/01/2001 to 07/01/2011

## EDUCATION & CERTIFICATIONS

MASTER OF SCIENCE IN PHYSICS	Oakland University, Rochester, MI
BACHELOR OF SCIENCE IN PHYSICS	Oakland University, Rochester, MI
CERTIFIED COMPTIA SECURITY+ (6/2017-6/2023)	

## AWARDED PATENTS

15 PATENTS IN SOLAR TECHNOLOGY AND MANUFACTURING