Helping companies cost effectively simplify their IT strategy.

www.itmanaged.solutions
Implementing a Production Zabbix Environment

- Project: 24/7 Monitoring of a Production Corporate IT Environment
Implementing a Production Zabbix Environment

**IT Managed Solutions (ITMS)**
- 25 years working for IBM
- Established 2016

**Gardner Denver:**
- Founded in 1859
- Worldwide provider of industrial equipment, technologies and related parts and services
- 1.94B Yearly Revenue
Gardner Denver Prior to ITMS and Zabbix

• Company in Transition
• Looking to Outsource
• Splintered IT Environment (multiple mergers/acquisitions)
• No enterprise-level Monitoring
Current Gardner Denver IT Environment

Gardner Denver IT Environment:
- 3 Data Centers, 1 DR Site
- VxBlock System
  - Storage: Dell EMC Unity
  - Compute: Cisco UCS
  - Backup: Avamar/Data Domain
Escalation Policy using VictorOps

ZABBIX → VictorOps → Calendar → servicenow

Trigger → Notification → Ticket
Requirements for Monitoring

**Project Hardware/Software Requirements:**

- Zabbix Server
- Zabbix Proxy
- Zabbix SNMP Proxy
- Zabbix MySQL DB
- Grafana Server
- VictorOps Service
Vsphere Monitoring

Virtualized Environment:

- 250+ VMs
- 25 ESXi Hosts
- 14 Data stores
- 3 Server Escalation Tiers
SNMP Monitoring

Using SNMP Trap to Monitor:

- Avamar
- EMC Unity
- Cisco UCS
- DataDomain
Integration with Grafana

- Easy Setup
- Open Source
- Gives 24/7 Client Access
- 1 Week Historical Data
- Custom Dashboards
Benefits for IT Administrators

- Clear and Accessible System Data
- Organized Alerting Structure
- Custom Scheduling and Escalation
Results For Gardner Denver

- 24/7 Monitoring
- Historical System Data
- Live Server Information Access
- Weekly Reporting
In Closing…