

THE TAIL OF ZABBIX AND NHK
INTERNATIONAL

James Green

JAMES GREEN

- Senior Manager over the IT department for North American and Europe locations of NHK International
- Over 20 years experience in the IT industry
- Passionate about bringing Open Source solutions into large enterprises and small businesses
- Personal Website: www.ptltech.com

NHK INTERNATIONAL

- North American Headquarters of NHK Spring Co, Ltd.
- Founded in 1976
- Specializes in providing advanced engineering solutions and designs, testing, investigation, and sales
- Company Website: www.nhkinternational.com
- From an IT side supports 8 locations in North America and Europe
- About 1000 users, 250 servers, and 100 network devices(Switches, Routers, Firewalls)

WHY NOW?

- Rapid Growth
- Internal Practice Changes
- Respond Quicker



WHY ZABBIX?

- Tested:
 - NAGIOS
 - SolarWinds
- Maintenance Periods
- Screens
- IT Services

The ZABBIX logo consists of the word "ZABBIX" in a bold, white, sans-serif font, centered within a solid red rectangular background.

ZABBIX

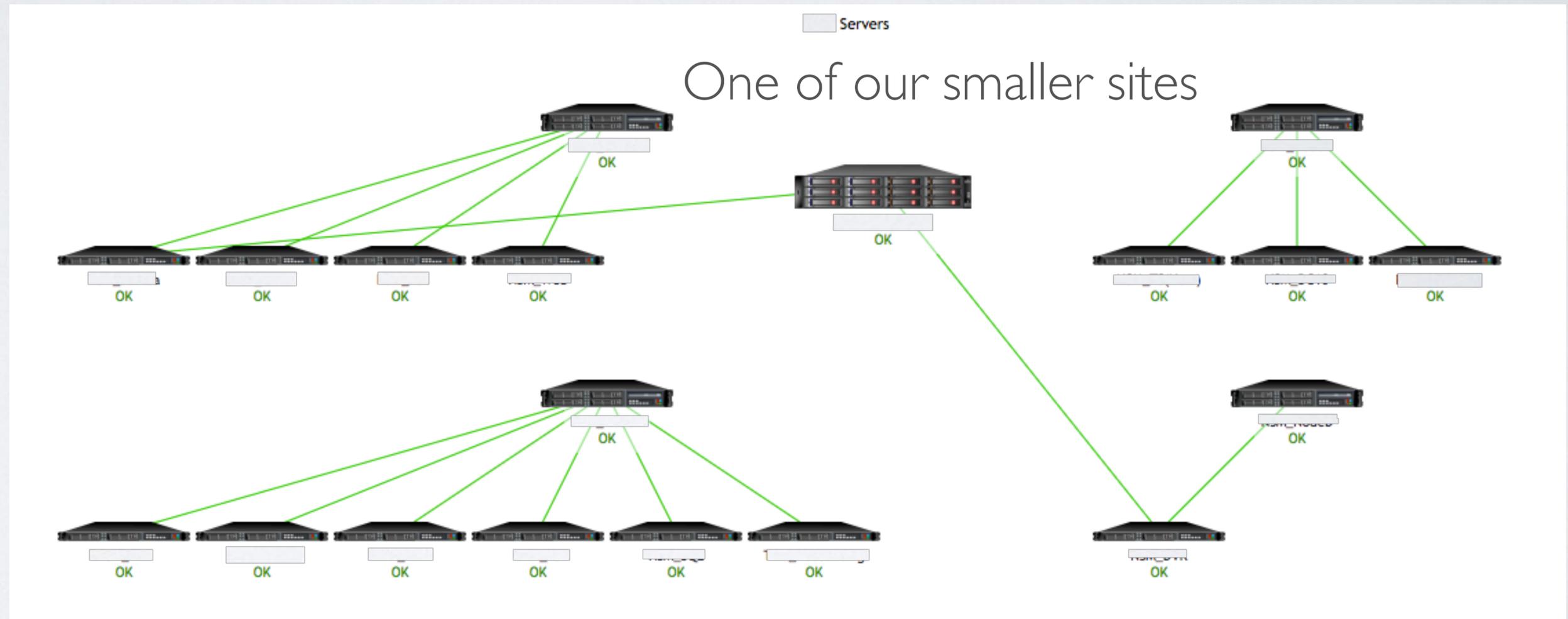
FEATURE COMPARISON

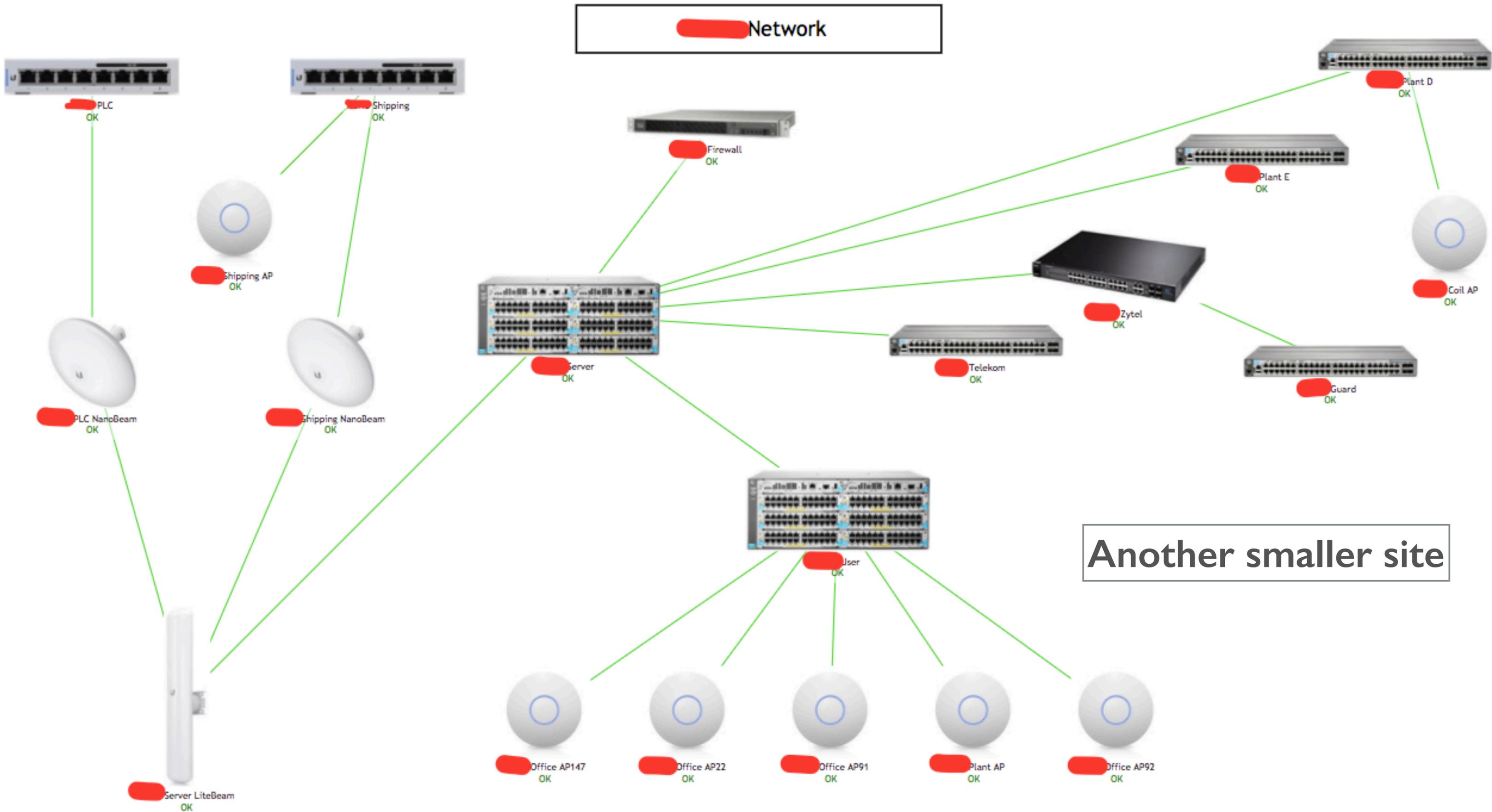
Function/Feature	Zabbix	NAGIOS Core	Solarwinds
Ease of Configuration	●	✘	●
Graphical Display	●	✘	●
Reporting	●	▲	●
Maintenance Window Support	●	✘	✘
Ability to Customize	●	●	▲
Linux Support	●	●	▲
Windows Support	●	●	●
Network Device Support	●	●	●
Multiple Location (Proxies)	●	▲	●
SQL Database Backend	●	▲	●
Application Monitoring	●	●	▲
Service Monitoring	●	●	▲
Notifications (Email & SMS)	●	▲	▲
Parent/Child Services/Checks	●	▲	●
Legend			

- = Ok, Supported, Good
- ✘ = Not Good, Not Supported, Unavailable
- ▲ = Partially OK, Partially Support

WHAT WE DID

- CentOS 7
- Custom Scripts
- Proxy Servers
- IT Services





Network

Another smaller site

HOW ITS CHANGED US

- Predict Downtimes
- Respond Quicker
- Identify Needs
- Show Waste

**IF YOU DON'T LIKE SOMETHING,
CHANGE IT.
IF YOU CAN'T CHANGE IT, CHANGE YOUR
ATTITUDE. DON'T COMPLAIN.**

– Maya Angelou

WHERE WILL WE GO

- User Device Monitoring
- Expanded Location Base
- Production Equipment Monitoring



LESSONS LEARNED

- Define the foundation
- Configure alerting with needed information and timing
- Plan your backup (Yes monitoring needs backups)

“Learn from yesterday,
live for today,
hope for
TOMORROW.”

—*Albert Einstein.*



QUESTIONS