

ivanti

# NEURONS FOR HEALING

# Computing is moving to the Edge

Edge Devices = Endpoints + IoT Edge



Expanding beyond IT to IoT Edge in key industry verticals like: Healthcare, Supply Chain, Retail, etc.

# Explosive Growth of Edge



**By 2023, more than 50% of enterprise-generated data will be created and processed outside the data center or cloud, up from less than 10 percent in 2019**

Gartner, Inc. in Hype Cycle for the Internet of Things, 2020, Alfonso Velosa, Dale Kutnick, Benoit Lheureux, Roger Williams, July 15, 2020.

# Explosive Growth of Edge

**41.6 billion** connected IoT devices, or "things," generating **79.4 zettabytes (ZB)** of data in **2025**.

IDC in The Growth in Connected IoT Devices Is Expected to Generate 79.4ZB of Data in 2025, June 18, 2020



# The Future of Work

## “Remote is the Next Normal”



Only 3.6% today work from home, **estimated 25-30% post COVID**

With **Gen Z** entering the workforce, we will see  
5 generations of employees in our workforce

Coexistence of **Robots** and Human workers

# Rise in attacks makes Continuous Vulnerability Management a critical priority

**30,000%**

Increase in phishing, websites and malware targeting remote users

COVID-19 Themed Attacks

**50%**

Of exploits occur within 14-28 days of patch availability

**22 Days**

Median time to develop a functional exploit

**7 Year**

Average life expectancy for an exploited vulnerability

# Challenges We Hear

Are we seeing all potential incidents?



Do our customers go somewhere else first for help?



How can we provide better customer experiences?



Can we be more proactive?



Are vulnerabilities going unnoticed too long?



Could we resolve incidents before they're reported?

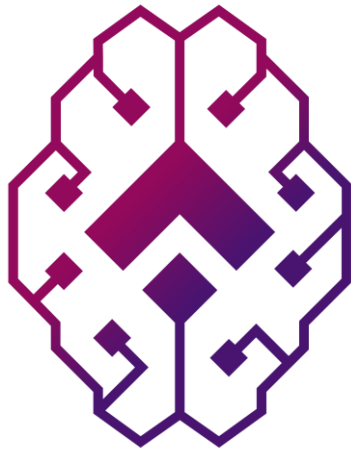


# What is Needed to Solve These Challenges?

- 1 Real-Time Detection
- 2 Targeted Actions
- 3 Automated Resolutions
- 4 Immediate Notification







**Ivanti Neurons for Healing** offers an army of automation bots to proactively detect, diagnose, and auto-remediate configuration drift issues, performance issues, compliance issues, and security issues for endpoints. Automation of routine tasks paves the way to creating a truly self-healing environment, reducing time, costs, and improving the employee experience.

Don't wait until you get the call

# Delight Your End Users with Proactive Support

---



**Proactive  
Visibility**



**Automated  
Actions**



**Better  
Experiences**

**“My application keeps crashing, but I don't think it's bad enough to call IT to do something about it”**

# Ivanti Neurons for Healing

## End-User Experience: Productivity / Continuity / Optimization / Compliance Neurons

- Application Crash
- Low Disc Space
- Disk Performance
- Blue Screen Crashes
- Battery Health
- Installed Memory
- Memory Usage
- Logon Performance
- Custom Actions
- Website Reachability
- Website Latency
- Stop/Start Service
- Web API
- Unused VMs
- Software Reclamation
- Service Manager Workflow
- Software Reboot
- Uninstall Software
- **User Experience Index**

The screenshot displays the Ivanti Neurons web interface. The top navigation bar includes the Ivanti logo, the text "NEURONS", and a search bar. The left sidebar contains a navigation menu with items: Home, Assistants, Dashboards, Insights, Devices, Software, Users, Setup, and Other Ivanti Products. The main content area is titled "Assistants" and features four cards representing different assistant types: Compliance (blue robot icon), User Productivity (yellow robot icon), Business Continuity (green robot icon), and Resource Optimization (orange robot icon). Each card shows "Total Workflows" and "Active" counts. Below the cards is an "Assistant Alerts" section with a search bar and a table of alerts.

Priority	Workflow	Description	Assistant	Date
P4	Free Disk Space	Free disk space under 90%	Security & Compliance	Apr 22, 2020, 1:44:10 PM
P4	Free Disk Space	Free disk space under 90%	Security & Compliance	Apr 22, 2020, 1:42:55 PM

DEMO

[LINK](#)

# Customer Outcomes

**63%**

Fewer  
Unplanned  
Outages

**80%**

Issues Resolved  
**BEFORE**  
Reported

**30%**

More  
Assets  
Found

**Minutes**

Not Weeks  
Harmonizing  
Data

**88%**

Faster  
Security  
Updates

Significantly improved accuracy, speed,  
and cost of services delivered

# Ivanti Neurons

**Hyper-Automation Platform to Self-Heal, Self-Secure, and Self-Service from Cloud to Edge  
Always On, Always Working**

## Self-Heal

**Autonomous Edge:** Ivanti Neurons for Discovery, Optimize and Heal Endpoints, IoT Edge Devices, and Applications for Performance, and Configuration drifts

## Self-Secure

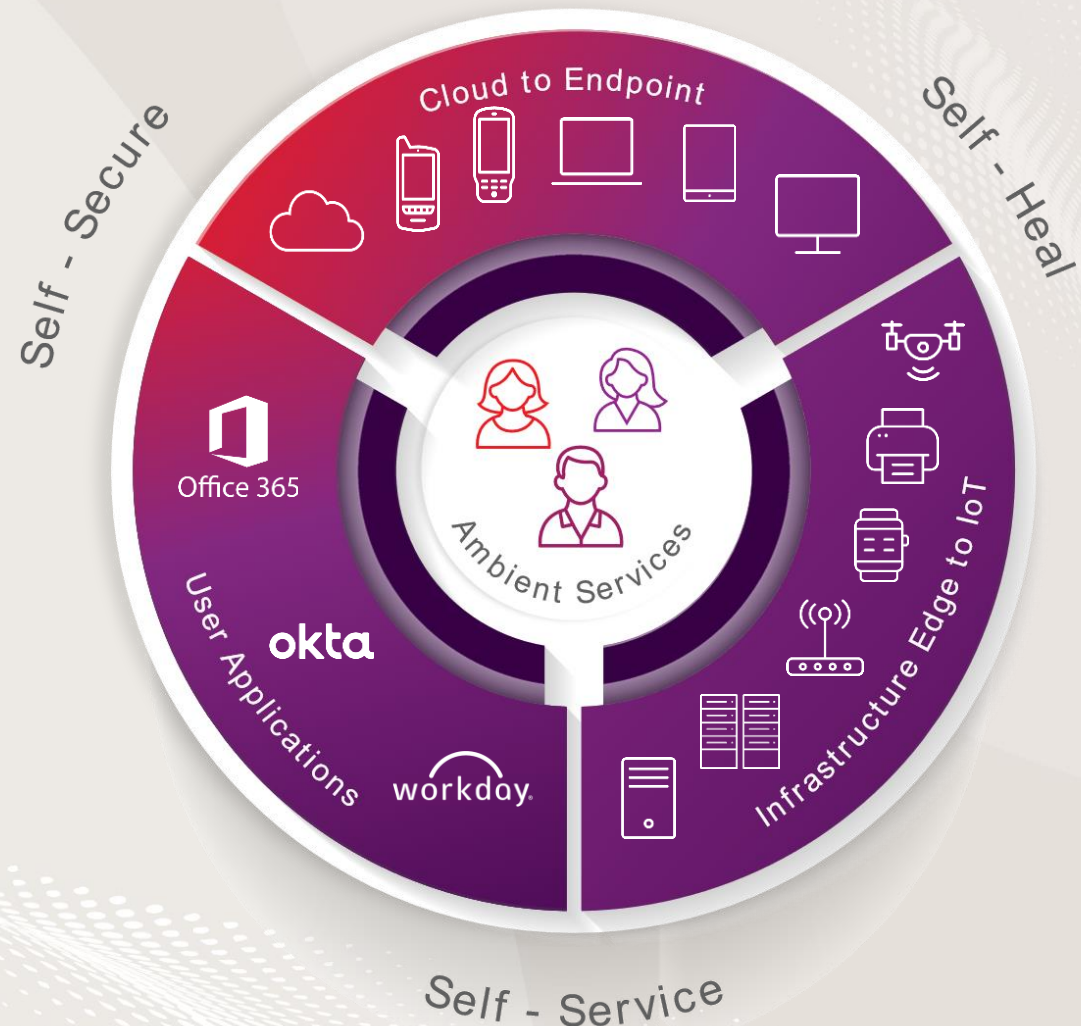
**Adaptive Security:** Ivanti Neurons for Patch, Compliance, and Auto-Remediation to prevent security vulnerabilities and anomalies

## Self-Service

**Ambient Service:** Ivanti Neurons for preventing, and remediating Service disruptions to provide Contextual, personalized, anticipatory experience

## Flexible Deployment

Cloud, On-prem, private cloud, and on the Edge





ivanti

# NEURONS