HMI/SCADA Users:

Say Goodbye to Windows XP!

Are you still using Windows XP®? Well over 10 years old, Windows XP is no longer supported by Microsoft. HMI/SCADA users need to move forward now from XP to a newer, supported operating system and upgrade their HMI/SCADA. Here's why …

The facts …

→ Microsoft stopped supporting Windows XP on April 8, 2014

→ Windows XP is old. It was released in 2001 – with committed / standard support for 10 years

→ In 2007, Microsoft extended support for XP to April 8, 2014 because it was still so widely used

→ Since April 8, 2014, technical assistance for Windows XP is no longer available, including automatic updates that help protect your PC

→ Microsoft will continue to provide updates to anti-malware signatures and engine for Windows XP users through July 14, 2015

→ No security updates for existing MSE users

Breaking up is hard to do

30% of the world's PCs are still running XP*

95% of the world's ATMs are powered by XP**

The **majority** of industrial applications lack updates and/or security patches

75% of water/ wastewater utilities still use XP***

*Various sources
**NCR, the largest ATM supplier in the US
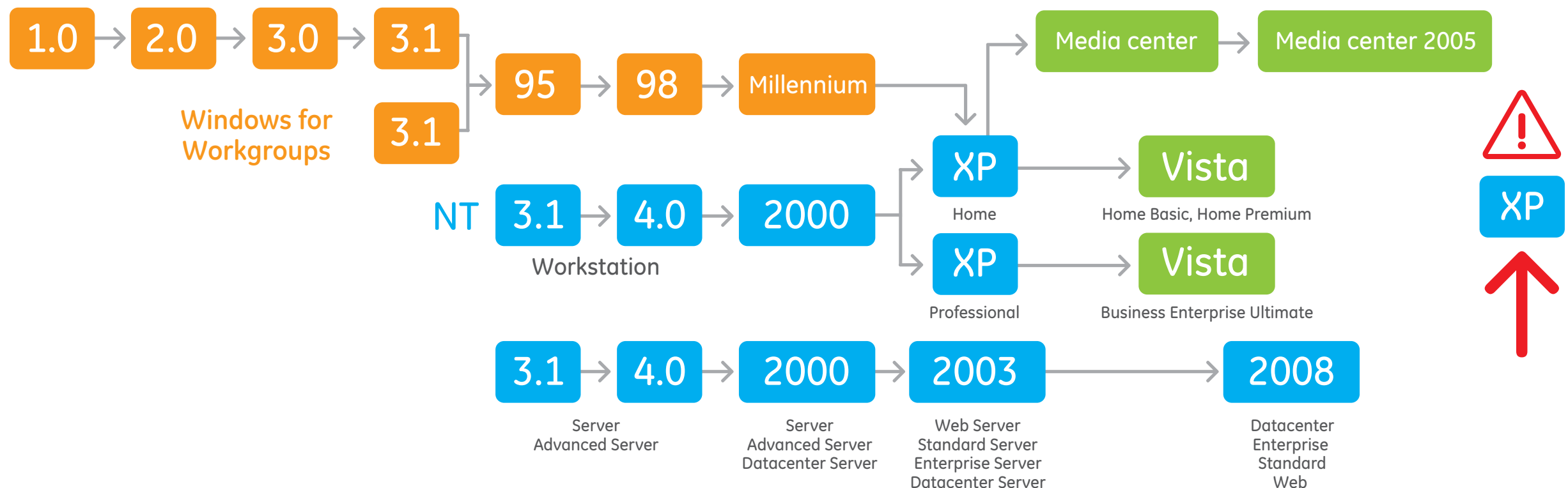***HMI/SCADA software user data

XP, that was then ...

Remember 2001, when XP was launched?

→ Apple released the first iPod®
→ There were no smartphones, tablets or the cloud at that time ...
→ Hacking was prevalent in the consumer space but relatively unknown in the industrial space
→ Then came the crises, an excuse for companies to defer Windows® 7 and PC

Windows

| 1.0 | → | 2.0 | → | 3.0 | → | 3.1 |

Windows for Workgroups — 3.1

95 → 98 → Millennium

Media center → Media center 2005

NT: 3.1 → 4.0 → 2000
Workstation

XP
Home

Vista
Home Basic, Home Premium

XP
Professional

Vista
Business Enterprise Ultimate

3.1 → 4.0 → 2000 → 2003 → 2008

Server
Advanced Server

Server
Advanced Server
Datacenter Server

Web Server
Standard Server
Enterprise Server
Datacenter Server

Datacenter
Enterprise
Standard
Web

XP

Source: Wikipedia

But, this is now …

You may have higher, hidden costs by continuing to use XP.

→ Higher potential for unplanned downtimes

→ Reputational risk - greatest danger comes from hackers finding a weakness and exploiting it

→ More difficult to maintain

→ Legal risk!

With outdated system architectures, unsupported software and obsolete hardware, your system reliability decreases – while your risk and potential for disaster increase.

A newer, supported OS and HMI/SCADA help you meet today's needs.

→ With increasing reports of hackers targeting industrial organizations such as utilities and manufacturers, **security** is more important than ever

→ A prevalence of tablets has created new opportunities for a **mobile workforce**

→ Many new technologies have been created that enable **new computing infrastructures**

→ Software and hardware manufacturers **optimize** for more recent versions of Windows

→ You can expect to encounter greater numbers of **apps and devices** that do not work with Windows XP

Minimize these risks now before unplanned downtime and disaster occur.

GE Intelligent Platforms

5 Good Reasons to Upgrade Your HMI/SCADA

Enhance the security
of your systems

Avoid
Obsolescence

**Start your upgrade
with complimentary
risk assessment tools
and information.**

www.ge-ip.com/risk

1

2

3

Benefit from
new functionalities

Leverage Real-time
Operational Intelligence
(RtOI)

Mobilize your application –
easily and quickly!

5

4

About GE Intelligent Platforms

GE Intelligent Platforms provides industrial software, control systems and embedded computing platforms to optimize our customers' assets and equipment. Our goal is to help our customers grow the profitability of their businesses through high performance solutions for today's connected world. We work across industries including power, manufacturing, water, mining, oil & gas, defense and aerospace. A division of GE, we are headquartered in Charlottesville, VA.

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