

AUTOMATIC UPDATES PATCH MANAGEMENT



A9X WINDOWS UPDATE SOFTWARE

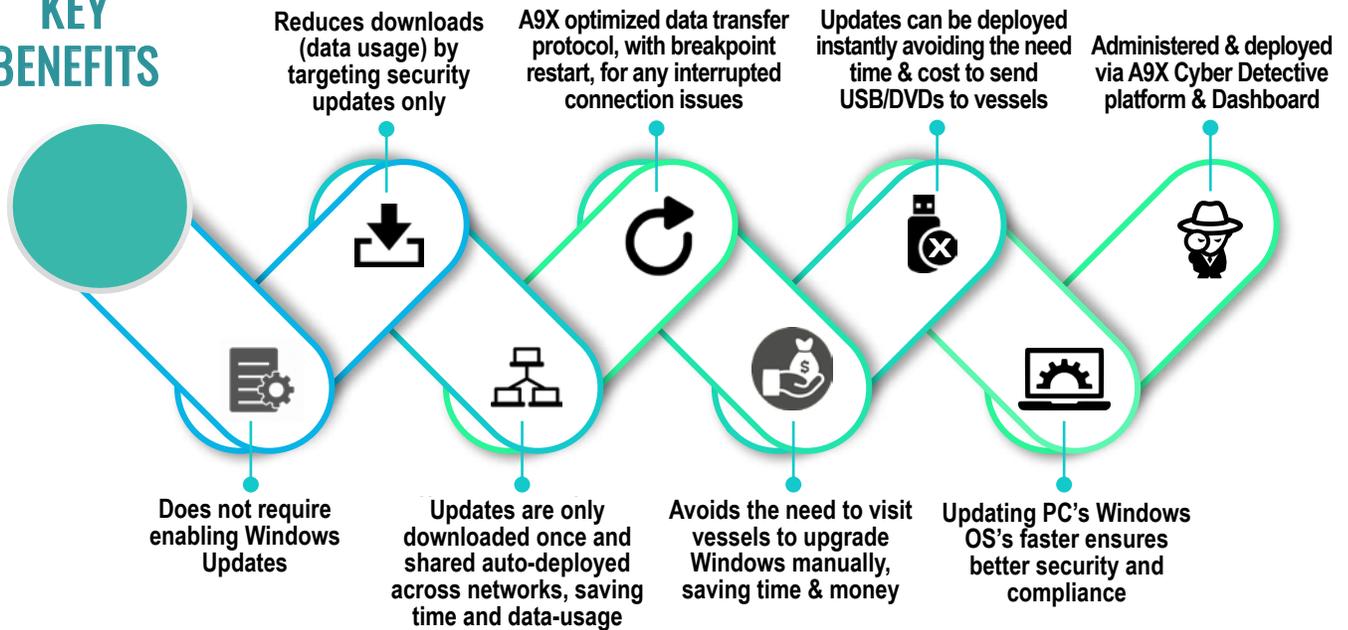
The biggest threat and challenge for managing cybersecurity at sea is keeping all vessel's Windows Operating Systems updated with the latest MS Windows security updates. If your vessel's Windows OS is missing updates, then it's extremely vulnerable to cyber attacks.

Introducing A9X Windows Update (AWU), a bespoke A9X software solution which is integrated with A9X Cyber Detective (ACD), and can efficiently transfer large Windows Updates / Patches (10MB-400MB) to vessels.

ACD automatically detects missing critical "security-only" updates, in order to minimize downloads. Updates are downloaded by vessel's ACD Client "once" via an optimized data link. The downloaded updates are automatically distributed and installed by the ACD Client to all PCs onboard running the ACD Agent.

The ACD Dashboard tracks, compares, displays missing Windows updates, and any associated security vulnerabilities. This allows the IT Engineer to filter out non-critical / security updates, and not waste time / resources sending updates that are not relevant to vessels PC's maritime cybersecurity. A9X Windows Update not only improves your cybersecurity, but it also saves the company substantial IT hours and costs.

KEY BENEFITS



A9X WINDOWS UPDATE SOFTWARE PROVIDES REMOTE CONTROLLED AUTOMATED DEPLOYMENT OF CRITICAL WINDOWS SECURITY UPDATES / PATCH MANAGEMENT TO YOUR VESSELS

Shipping Industry Challenges

Windows Updates are usually disabled onboard vessels because they are very large. Updates are not just security updates, but can also be "feature" updates and general non-essential enhancements. Depending on a vessel's set-up (network configuration), not all computers will have Internet access to be able to download updates. And even if they did, you would not want multiple PC's downloading the same updates. Due to these problems, vessels don't update on a regular basis. Typically, an engineer visits the vessel to upgrade the machines themselves or a "WSUS Offline Update DVD" is created monthly and mailed to the vessel for the crew to make such updates. Another option is to wait for vessels to come into port and updates are "turned on" and "turned off" when they sail. This process is slow, time consuming and very prone to errors. There is also a period of time where non-updated computers are at greater risk to cyber-crime.

Installation

The installation of manual updates to your operating system are neither efficient nor safe. A9X Windows Update software, provides complete updates installed remotely, and is powered by optimized data transfer technology. Providing full and complete security updates remotely is your best defence against cyber-crime.

Remote Access

A9X Cyber Detective Dashboard manages the installation process, and allows you access to see the positive impact such updates have on your cyber security compliance.

WHO IS A9X CYBER SECURITY

A9X Cyber Security has a vision of "being the preferred vendor for cyber security management at remote locations "

Mission of A9X Cyber Security - providing Cyber Detective Security, and specialized knowledge for remote locations

- Cost effective
- Yielding results
- Being creative
- Effective communication
- Respecting our shareholders, employees, customers, vendors and the general public