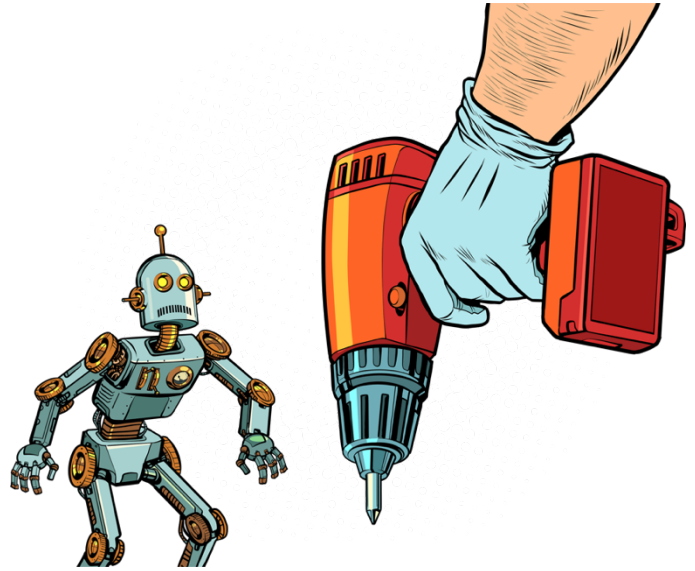






# MICT Shield: Patch management



Patch management is a critical aspect of IT and systems maintenance, involving the application of software updates, or "patches," to address errors and vulnerabilities. These updates are released by software providers for operating systems, network equipment, software products, and applications.

But why is patch management important? Firstly, it plays a vital role in safeguarding your environment from cyber-attacks, ensuring that potential vulnerabilities are promptly addressed. A robust patch management process also helps your IT infrastructure run smoothly, minimising downtime and maximising performance. Moreover, it ensures compliance with regulatory requirements and industry security standards, such as PCI DSS and Cyber Essentials.

Let's explore the key reasons why software producers create and distribute patches:

- **Security:** Hackers are constantly probing operating systems and network security services, searching for vulnerabilities to exploit. Patches address newly discovered loopholes, enhancing your system's security and protecting against unauthorised access, spyware, and data breaches.
- **System availability:** Patches remove errors that could potentially lead to system crashes or hang-ups, preserving system uptime and uninterrupted operations.
- **Standards compliance:** Compliance with industry security standards necessitates a robust patch management strategy. Implementing patches is often a requirement to meet regulatory standards and demonstrate your commitment to data security.
- **System guarantees:** Software providers may refuse to honour system guarantees or provide support if your software is not up-to-date with the latest patches. Keeping your software current ensures you receive the necessary assistance and coverage in the event of a disaster.
- **System enhancements:** Patches can deliver feature improvements that enhance the efficiency of backend processes. By applying patches, you can take advantage of free upgrades and optimise the performance of your software.

In summary, neglecting patches can leave your systems vulnerable and expose your business to potential security risks and operational disruptions.

### **Choose MICT's Shield for effective patch management**

With MICT's Shield Patch Management Software, you gain full control over your patches in a centralized location. Automate patching for operating systems, software, and hardware across your IT environment, saving time and ensuring prompt application of patches as soon as they are released. Our powerful reporting capabilities keep you informed about every agent, providing airtight security and control.

Our system integrations for Windows and Mac devices enable seamless automation and monitoring of software patch management. You'll have access to a comprehensive list of patches for common software products, including Chrome, Zoom, Skype, Dropbox, and more. With MICT's Shield, you can streamline and optimise your patch management process, strengthening your overall IT security posture.

## **Get in touch!**



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