

# Patch Management Service





# Patch Partnership

An effective Patch Management regime ensures the software systems critical to your business operations remain protected against internal and external threats.

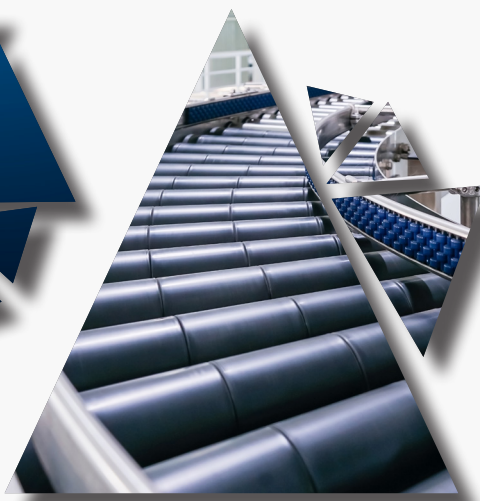
Provided by experts and tailored to your needs with flexible options in frequency, our team identify, test and schedule patches for seamless deployment.

Fully managed from end to end, a Patch Partnership with Astec means ultimate peace of mind.

## Protecting your business against



Cyber-security  
threats



Operational  
inefficiency



Unnecessary  
downtime



# Why choose Patch Management?

Cyber-security is a growing concern, one which has dire consequences should it go neglected. A primary driver for adopting the latest patches is to address vulnerabilities that actors with malicious intent can exploit. The consequences can range from operational shutdown and loss of data to being exposed to paying a ransom. These outcomes can be avoided with proactive patching and update regimes.

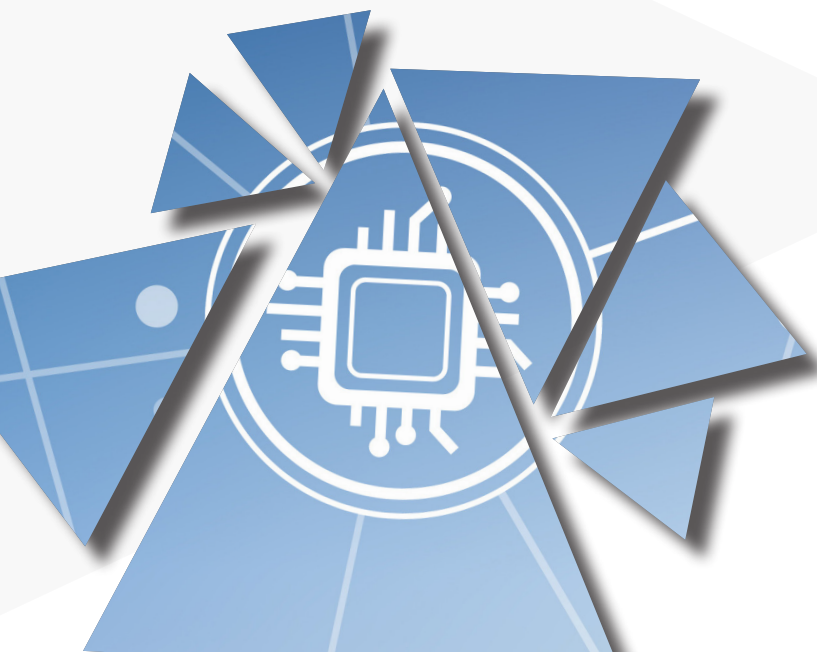
In the manufacturing industry, over half of organisations run on legacy systems. These aging platforms are often no longer supported with official patches.

Partnering with Astec for Patch Management fills this gap, removing the short-term need for costly overhauls.

Our team review available patches to identify security-critical elements and functional upgrades.

In addition to patching operating systems, software applications must equally be kept up to date. Vulnerabilities in Operational Technology, especially as it is increasingly becoming linked to IT, can create cyber-security threats. These applications cover a wide range of your critical systems, including SCADA, historian, databases and batch systems and patches for each must be closely managed to maintain security and efficiency.

Potential bugs or issues can be eliminated in a timely manner by installing the latest recommended patches, thus ensuring your systems are working to their full potential.



# Patch Management value

Partnering with Astec for Patch Management means your systems will remain guarded against cyber-security threats. The latest patches ensure optimal efficiency with improvements and bug fixes by software vendors.

Our team will carry out frequent reviews of your systems, to both test patches and to identify exploitable vulnerabilities. By testing updates in advance, interruptions to your operation can be minimised or eliminated and deployment can be scheduled for an optimal time.

Should a patch cause unexpected issues, a rollback plan is in place for all upgrades to enable a swift return to the most recent stable system state. To further protect against issues that may be introduced by patching, a full system backup is performed prior to each upgrade.





## Key Outcomes

- ▶ Ensure systems are working at their optimum level
- ▶ Mitigate cyber-security threats
- ▶ Benefit from software improvements and bug fixes released by software vendors
- ▶ Frequent review of systems and threats
- ▶ Robust testing process to reduce downtime and enable seamless deployment
- ▶ Rollback plan in place should patches need to be removed
- ▶ System backup to provide additional confidence



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With expertise spanning Industrial IoT, MES and Automation & Control, Astec works in close collaboration with clients to ensure desired outcomes in operational efficiency, flexibility and uptime.

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