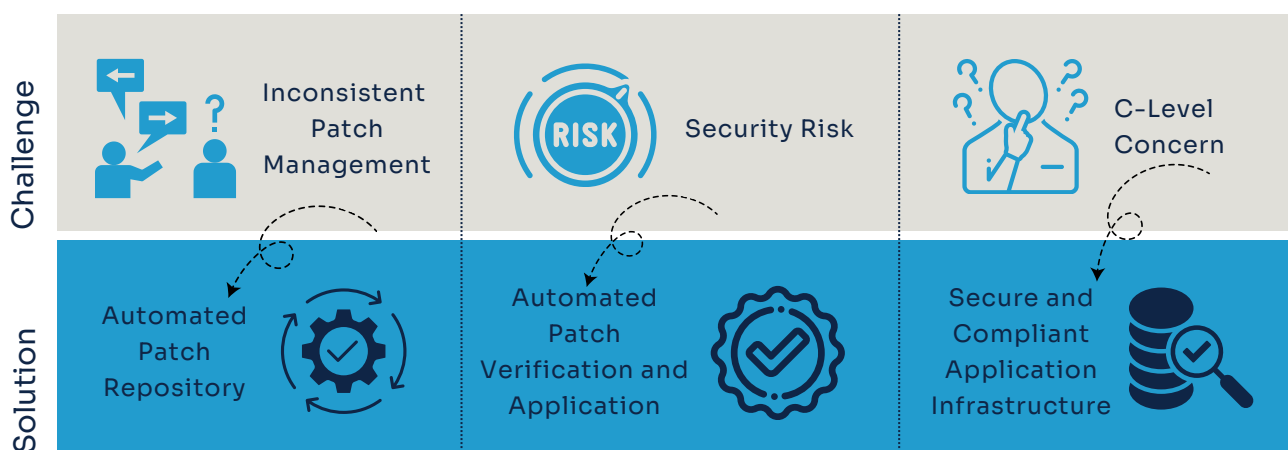Case Study

# Unifying Patch Management for Secure IT Environments with Orchestral Composer

The company saved hundreds of hours, gained security & real-time visibility

## Executive Summary

A global leader in the coffee industry faced challenges in maintaining a secure IT environment due to inconsistent patch management processes across its vast network of stores and data centers. By implementing Orchestral Composer, an enterprise-grade automation platform, the company successfully standardized its patch management procedures, reducing security risks and improving overall IT efficiency. The solution enabled the company to save hundreds of hours, gain real-time visibility into potential vulnerabilities, and align its teams under a common methodology.

## At A Glance



**Challenge**
- Inconsistent Patch Management
- RISK — Security Risk
- C-Level Concern

**Solution**
- Automated Patch Repository
- Automated Patch Verification and Application
- Secure and Compliant Application Infrastructure

**Benefits**
- Enhanced Security
- Time Savings
- Real-Time Visibility

> Our IT infrastructure is vast and complex,…Maintaining a secure environment while ensuring consistent patch management across all systems was a daunting challenge. Orchestral Composer provided us with the automation and standardization we needed to streamline our processes, reduce security risks, and improve overall efficiency. The platform's ability to automatically audit servers and align security procedures across all units has been a game-changer for our IT operations.
>
> — Sr. NetSec Lead

# Challenge

The company's IT department faced several critical challenges:

- Inconsistent Patch Management: The organization struggled with inconsistent patch management processes across its extensive network of stores and data centers, leading to potential security vulnerabilities.
- Security Risks: The lack of a standardized approach to patch management exposed the organization to the risk of a non-secure IT environment, which could have severe consequences for the company's reputation and operations.
- C-Level Concern: The severity of the issue prompted C-level executives to take immediate action, recognizing the need for a comprehensive solution to address the security risks and streamline IT processes.

# Solution

The company selected Orchestral's Composer platform to address these patch management challenges:

- Automated Patch Repository: Orchestral Composer enabled the company to automate a standardized repository of operating systems, ensuring consistency and compliance with the specifications set by the security operations team.
- Automated Patch Verification and Application: The platform introduced an automated process to verify existing patch levels and apply patches across different operating systems, eliminating manual efforts and reducing the risk of human error.
- Continuous Server Auditing: With Orchestral Composer, all internal servers powered on are now automatically audited per the compliance standards outlined by the SecOps team, ensuring a consistently secure environment.

# Conclusion

The successful implementation of Orchestral Composer demonstrates the transformative potential of embracing innovative solutions to address complex IT challenges. By automating and standardizing its patch management processes, the company not only enhanced its security posture but also improved operational efficiency and empowered its teams to focus on strategic initiatives. This case study serves as a testament to the importance of adopting cutting-edge technologies to remain competitive in today's rapidly evolving business landscape.

# Next Steps

To learn more about how Orchestral Composer can revolutionize your organization's IT infrastructure management, please contact our sales team at sales@orchestral.ai or visit our website at www.orchestral.ai to schedule a demo. Our experts are ready to help you unlock the full potential of automation and drive your business forward.