

Case Study

Modernized Legacy Business Applications with Microsoft Power Platform and Azure



Customer Overview



Customer

A global manufacturer of specialty coating solutions



Profile

The customer develops and manufactures premium abrasion-, scratch-, and chemical-resistant coating systems used across multiple industries worldwide.



Industry

Manufacturing



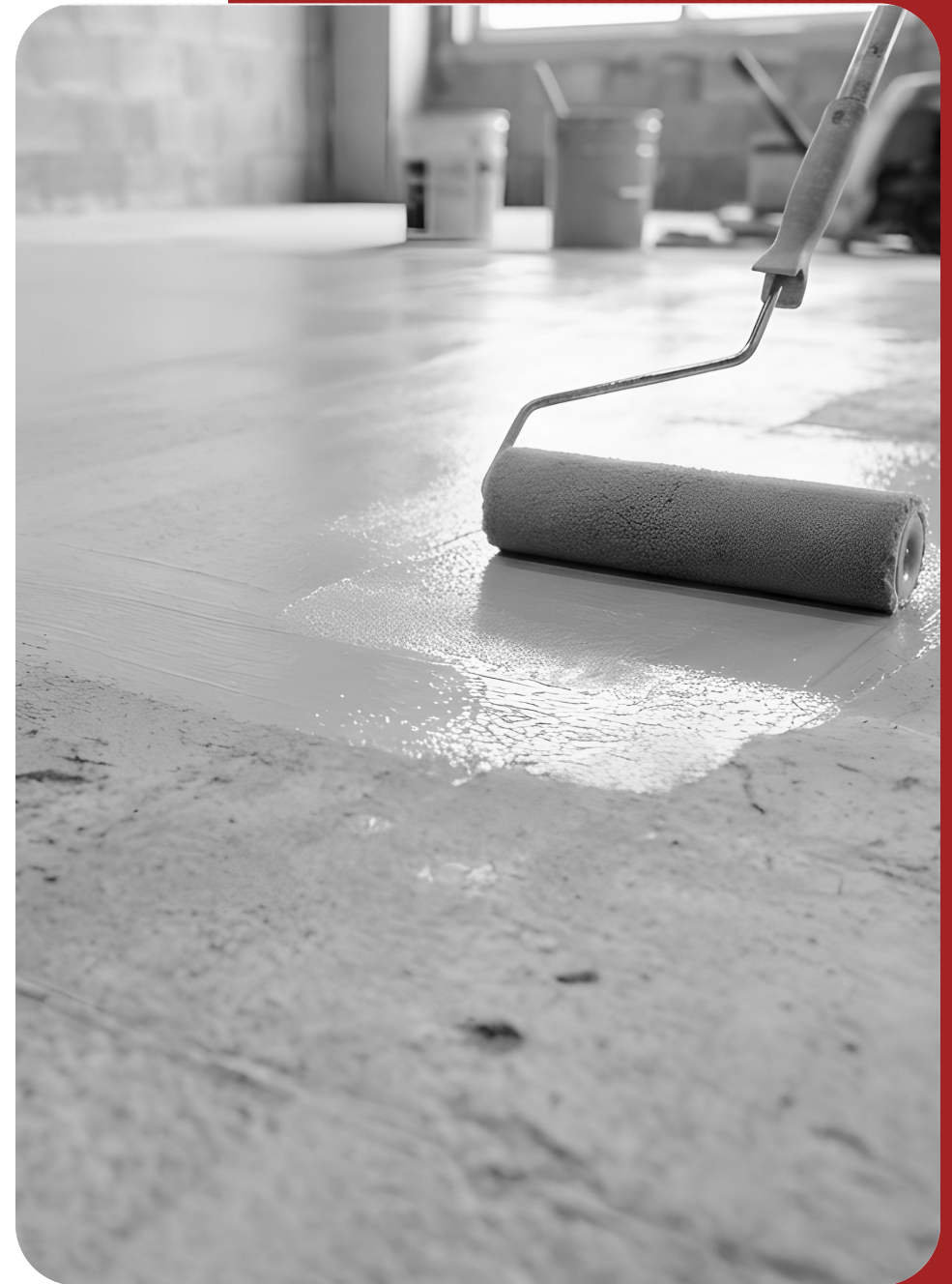
Services

Microsoft Power Platform | Microsoft Azure | Application Modernization | Azure SQL Database | Azure DevOps | Business Process Automation | Low-Code Development

Business Need

The organization relied on multiple legacy PHP applications that had become difficult to maintain, costly to support, and unable to meet evolving business requirements. Synoptek was engaged to modernize the application landscape while improving scalability, security, and operational efficiency.

- **Legacy Applications** - Outdated PHP applications with limited vendor support resulted in high maintenance costs and frequent defect fixes.
- **Limited Accessibility** - Applications hosted on-premises were restricted to the corporate network, limiting remote access and business flexibility.
- **Manual Business Processes** - Lack of automation and CLI capabilities created manual workflows with limited visibility into requests and approvals.
- **Poor User Experience** - Non-responsive applications provided an inconsistent experience across desktop, tablet, and mobile devices.
- **Inefficient Application Delivery** - The absence of CI/CD pipelines and automated deployments slowed releases and increased deployment risks.



Solution and Approach

Synoptek modernized the customer's application ecosystem by replacing legacy applications with Microsoft Power Platform solutions and implementing a secure, cloud-based architecture on Microsoft Azure.

Application Modernization

- Modernized 20+ business applications using Microsoft Power Apps and Power Automate.
- Developed responsive low-code applications with improved usability and mobility.
- Replaced manual workflows with automated business processes.

Cloud & Data Modernization

- Migrated on-premises SQL databases to Azure SQL Database.
- Centralized permissions, master data, and governance.
- Enabled secure Microsoft 365 Single Sign-On (SSO).



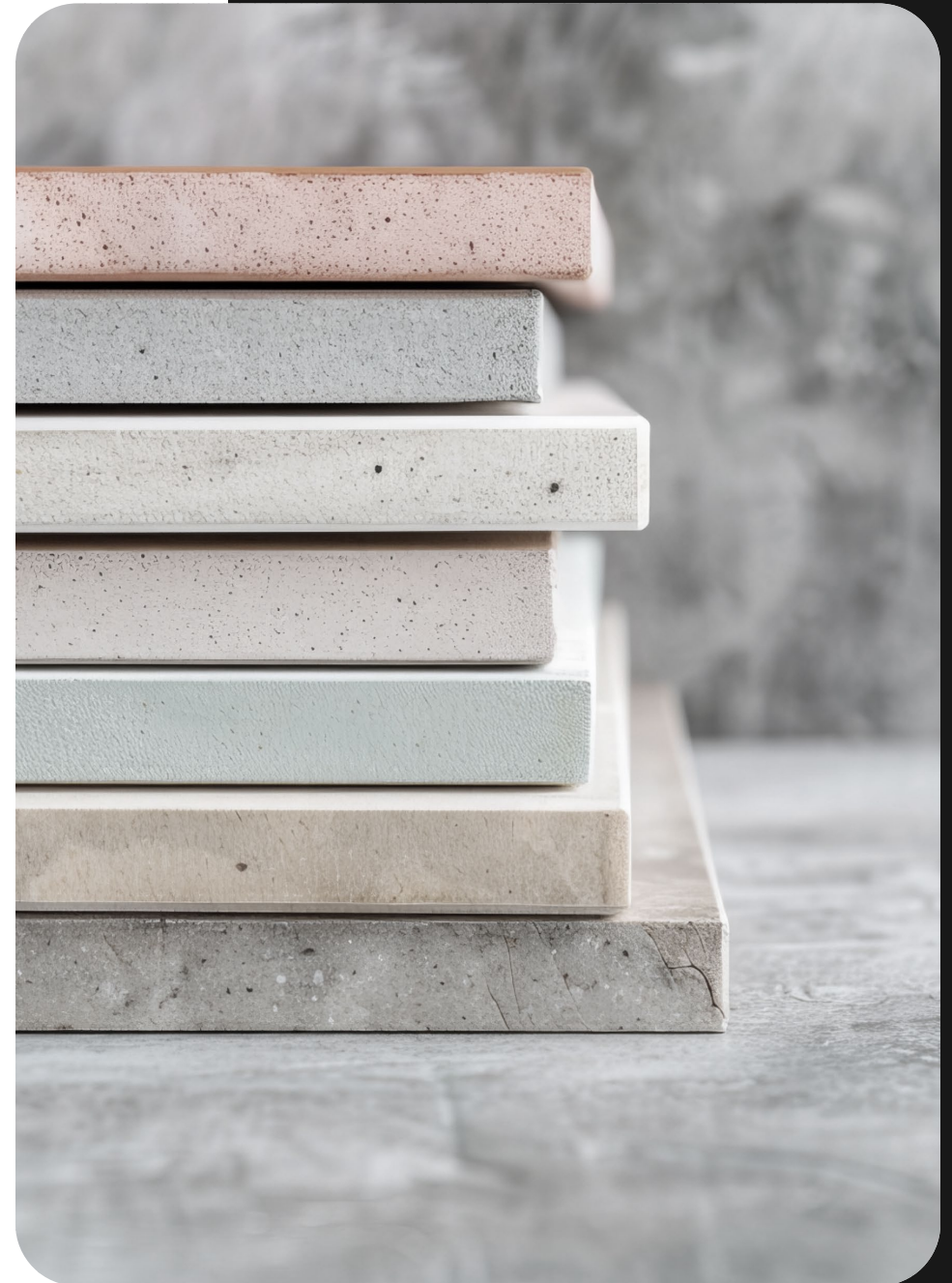
Solution and Approach

Business Process Automation

- Developed a Customer Annex application with multi-level approval workflows and automated reporting.
- Built a Budget Forecast application with fiscal year and regional planning capabilities.
- Automated approvals and improved request visibility across departments.

DevOps & Citizen Development

- Implemented Azure DevOps CI/CD pipelines with one-click deployments.
- Delivered citizen developer training, enabling business users to build and maintain departmental applications.
- Reduced application maintenance through standardized development practices.



Business Benefits

By partnering with Synoptek, the organization established a modern, secure, and scalable application platform that improved operational efficiency, enhanced user experience, and accelerated digital transformation.

Modernized 20+ legacy applications, replacing outdated PHP systems with scalable Microsoft Power Platform solutions.

Reduced application maintenance costs by 60%, lowering support overhead and improving operational efficiency.

Enabled secure global access through Microsoft 365 Single Sign-On (SSO), eliminating dependence on on-premises infrastructure.

Improved security and compliance using native Microsoft Azure identity, access management, and security capabilities.

Enhanced user experience with responsive web, tablet, and mobile applications, driving higher adoption across the organization.

Accelerated application delivery through Azure DevOps CI/CD pipelines and one-click deployments, improving release quality and speed.

Simplified integration and automation using Microsoft Power Platform connectors, reducing implementation complexity and development effort.

Achieved ROI within six months through operational efficiencies, lower support costs, and streamlined business processes.

About Synoptek

Synoptek is the first IT Managed Experience Provider (MxP™), delivering AI-enabled automation, strategic modernization, and experience-led outcomes. Its services span Cloud and Agile Infrastructure, Business Applications and Platform Development, Customer and Employee Experience, and Cybersecurity. With a business-first approach and a global delivery model, Synoptek helps organizations optimize operations, accelerate transformation, and achieve measurable results—guided by a culture rooted in growth, ownership, inclusiveness, and philanthropy.



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