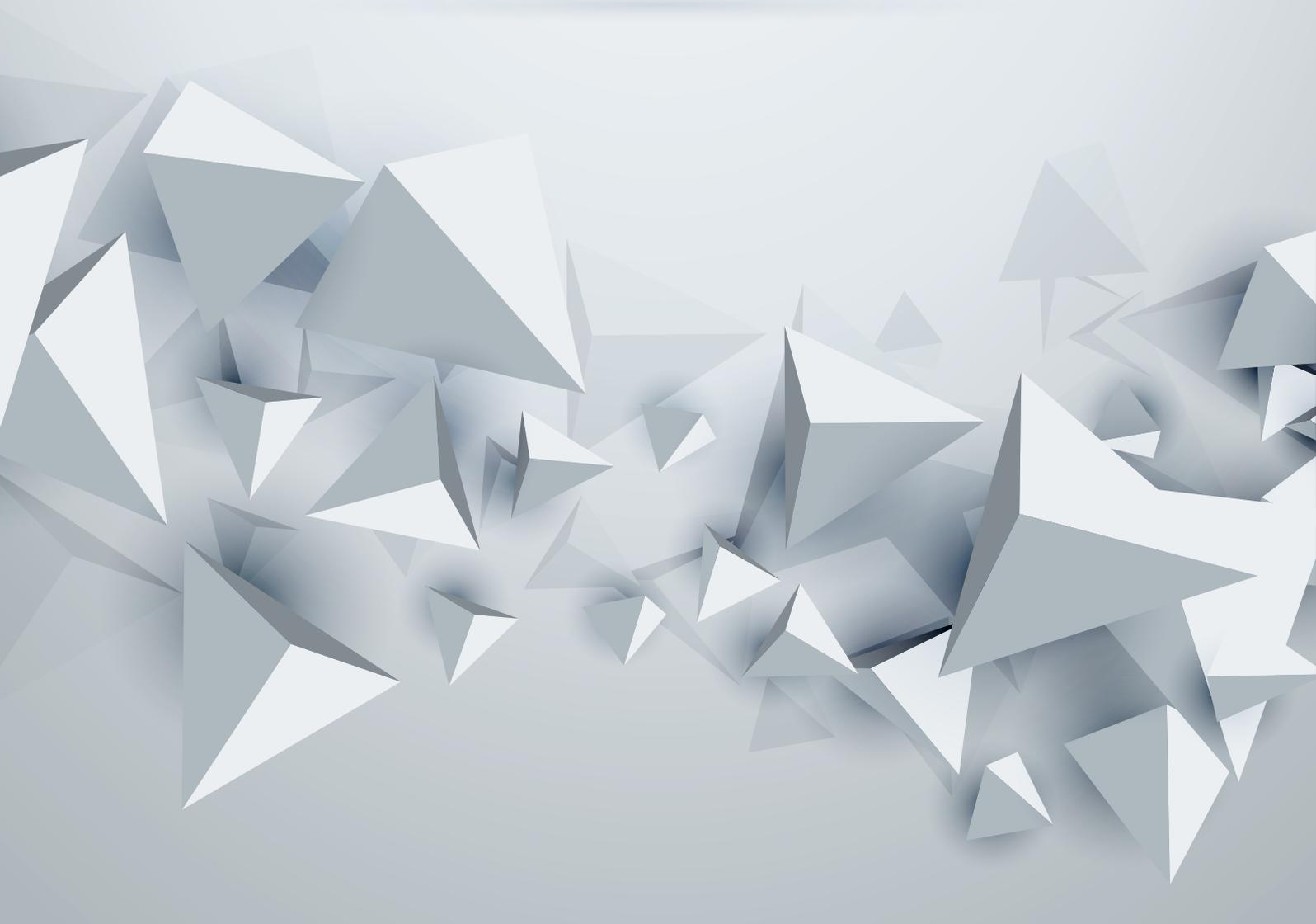


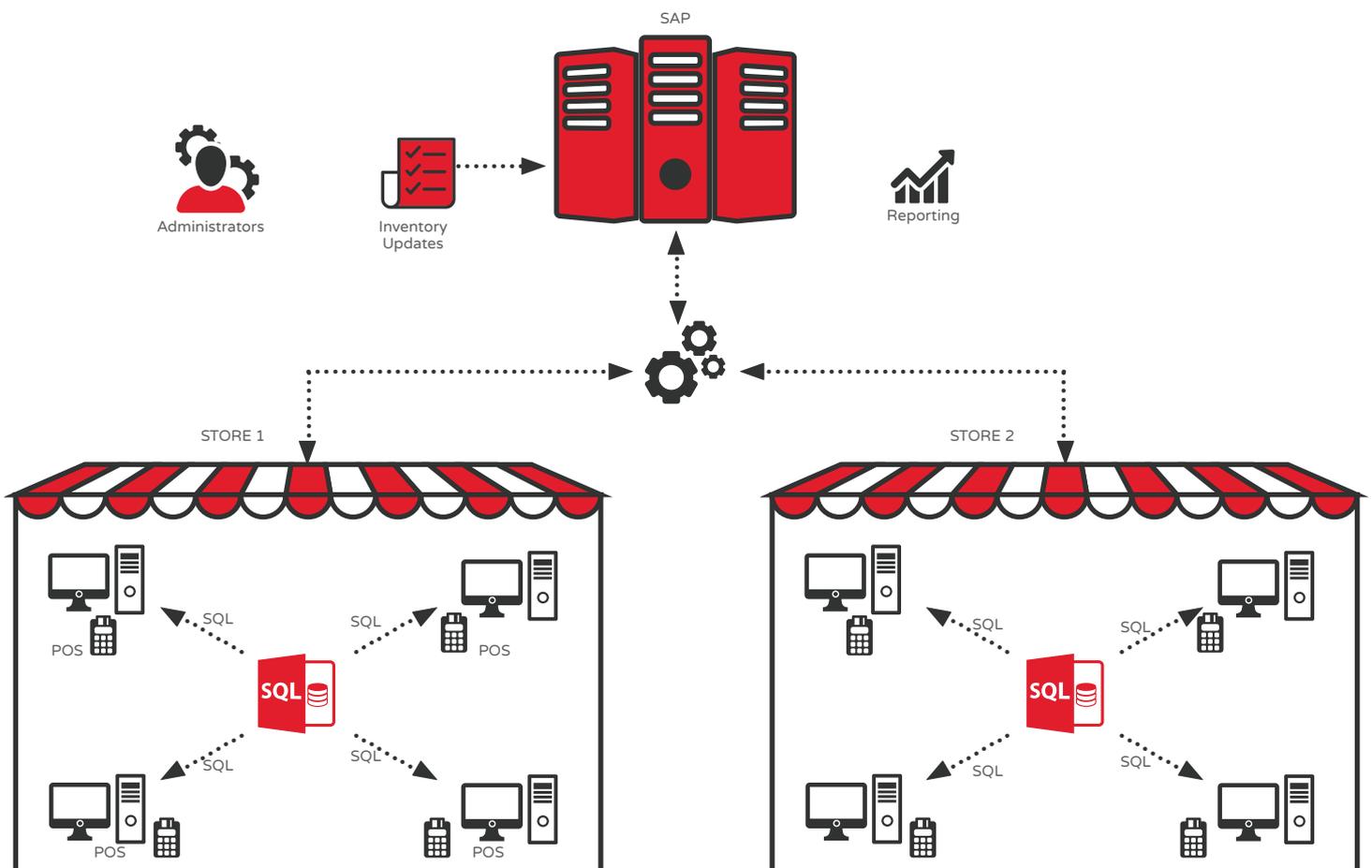


**RETAIL CASE STUDY**



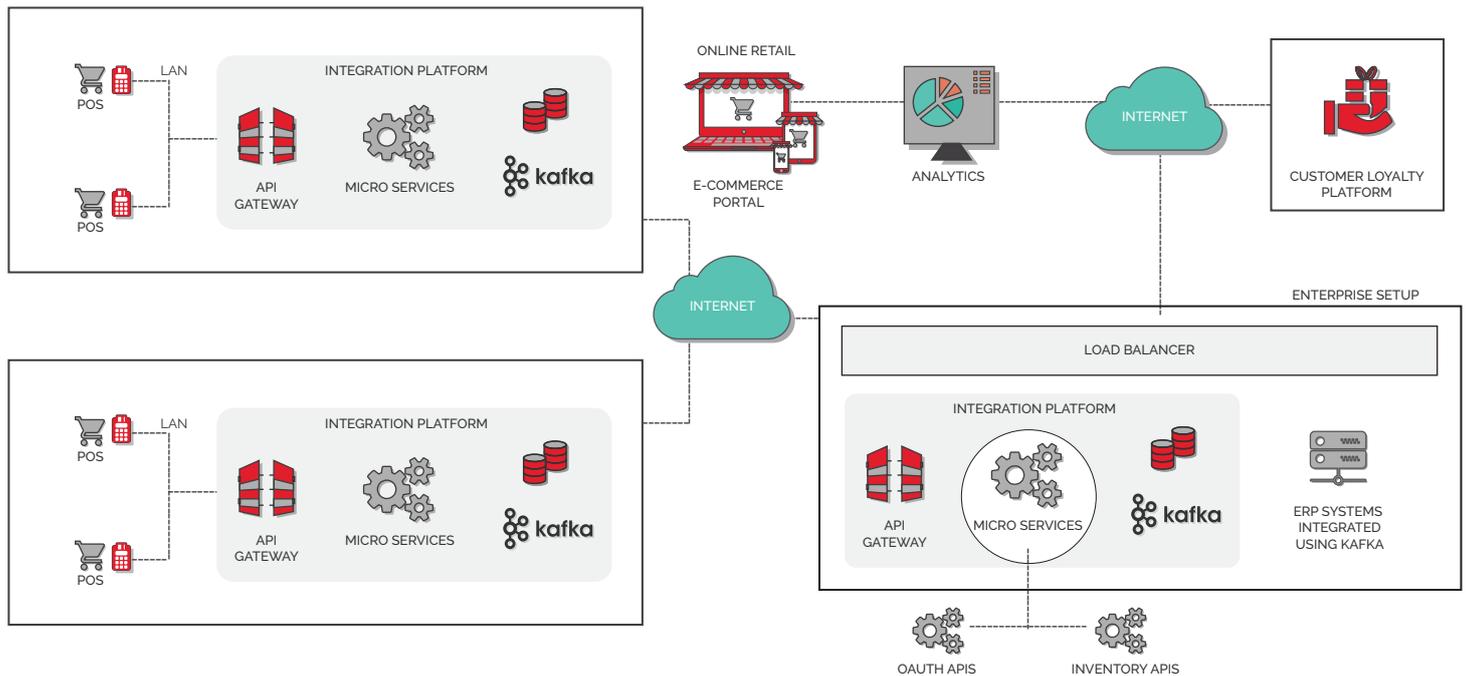
# THE CHALLENGES

1. Turnaround time to fix current system issues and bugs are not meeting business SLAs
2. Business operations impacted due to performance issues and bottleneck on SQL Server databases that can be completely eliminated
3. POS Apps are closely coupled with SAP, and limits POS enhancements
4. Does not support customization / changes are hard to incorporate
5. New features take months to go live, as vendor product releases
6. System needs to be redesigned and moved towards services architecture to support future business needs like mobile apps development, Online Portal
7. No options to implement Customer Management or any loyalty programs



# THE SOLUTION

We built a modular approach (managed services model) to deliver product features phase by phase. This allowed business to prioritize on features list and be precise on what we want to achieve with every project phase / SOW (Scope and timelines).



# ARCHITECTURE & TECHNOLOGY

- ◆ Each functional area is implemented as its own **Microservice** instead of a monolithic application.
- ◆ Contained **deployable, modular services** that can be scaled independently.
- ◆ Real-time **Asynchronous**, message-based communication between the micro services, demons through a **robust message queue** system. Enabled each service to be **developed, tested & deployed independently** by the team that is focused on a functionality.
- ◆ Operational Automation - **DevOps model**.



**Contact us. We can help you.**

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