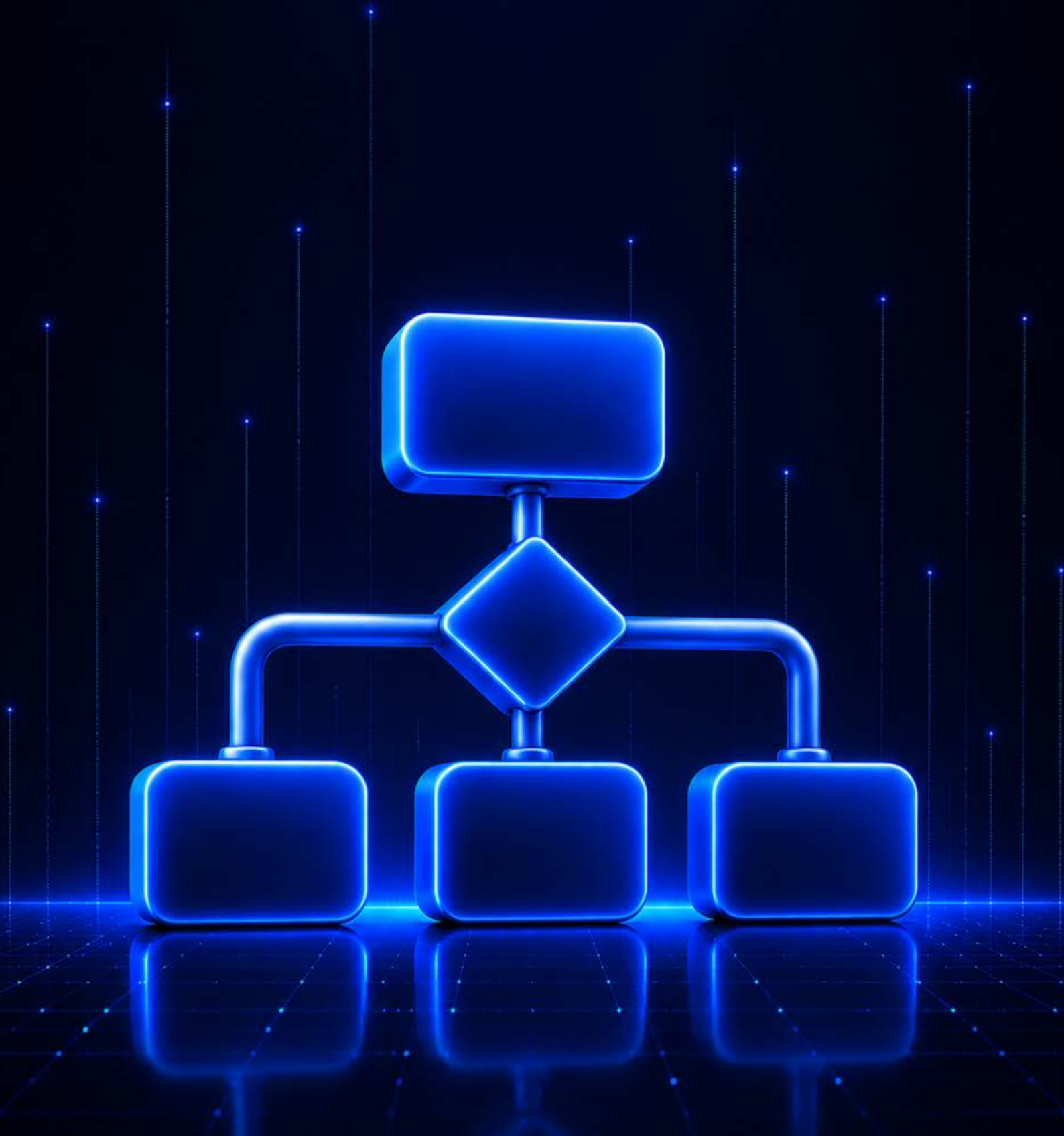
ManageEngine
SharePoint Manager Plus

TECHNICAL GUIDE

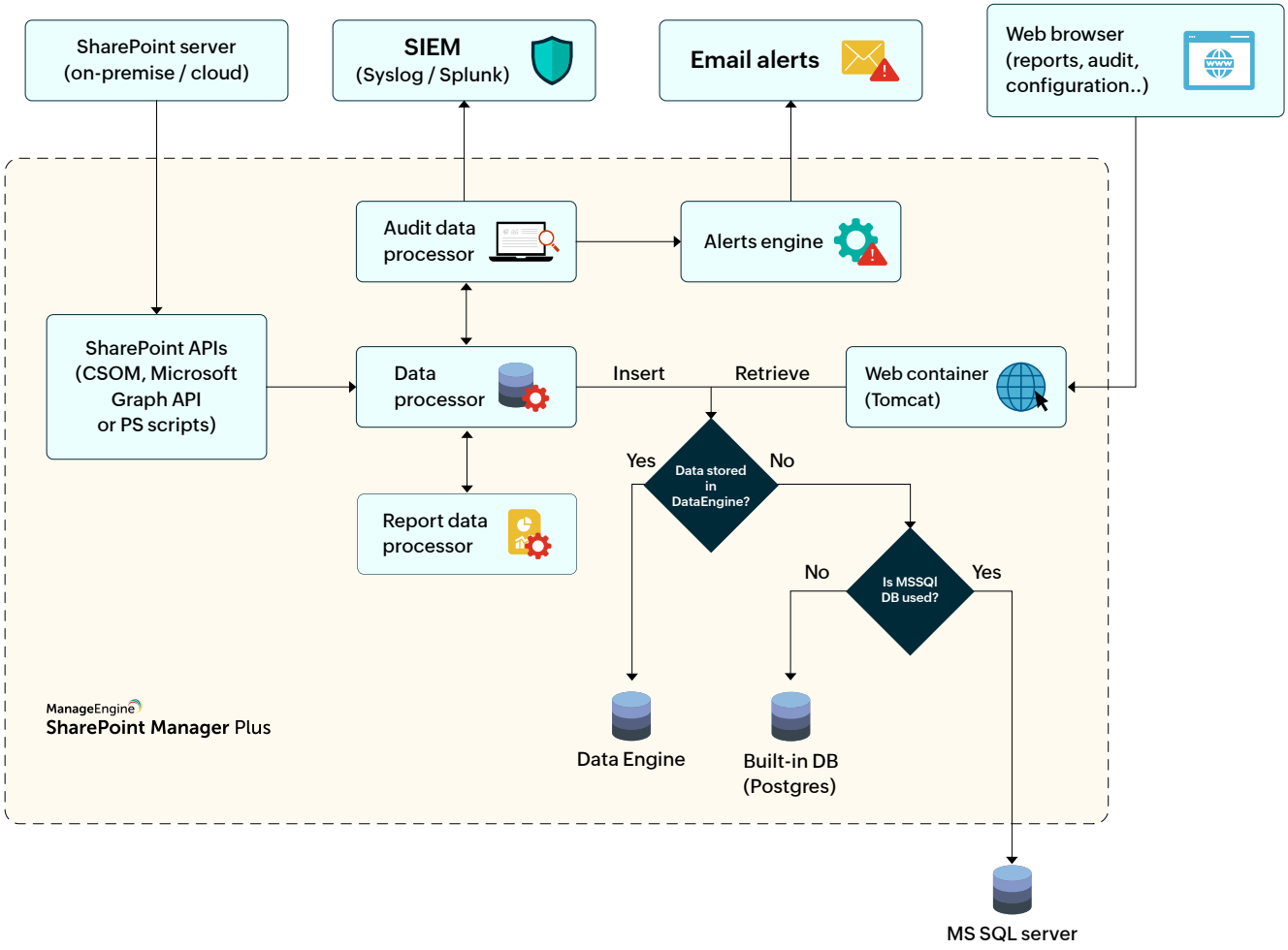
Architecture guide



ManageEngine SharePoint Manager Plus is a tool that can monitor and audit multiple SharePoint deployments from a central console. It supports both the on-premises and Microsoft 365 SharePoint environments. It also allows you to monitor, track, and analyze all the activities in your SharePoint infrastructure to help you make informed, timely, and accurate decisions.

This document provides the architecture of SharePoint Manager Plus at a glance.

Overall architecture



SharePoint Manager Plus modules

Report data processor

Categorizes the report data collected from SharePoint and stores it in the product database. By default, SharePoint Manager Plus' server synchronizes report data daily at 2am.

Audit data processor

Processes all audit events that are fetched from SharePoint before they are stored in the database. It forwards the collected data to the SIEM solution and alerts engine. By default, the SharePoint Manager Plus server synchronizes audit data every 10 minutes.

Alerts engine

Sends out emails based on the configured alert profiles.

Database

Stores raw and normalized log information from the configured SharePoint server and Microsoft 365 tenant. SharePoint Manager Plus comes bundled with a PostgreSQL database, but users can also choose to use a Microsoft SQL database if needed.

Data engine

Stores archived audits, permission reports, and IIS logs. Based on Elasticsearch, the module stores and retrieves large volumes of data faster and is more scalable than the database.

External interfaces that SharePoint Manager Plus interacts with

User interface

A web interface that runs on a browser and connects to the web server component of Tomcat, which listens on port number 8085.

Database interface

Built-in PostgreSQL database that listens on port number 33315. The interactions between the product and the database are facilitated by Java Database Connectivity interfaces. The product also supports connection to MS SQL databases.

SIEM forwarding

SharePoint Manager Plus can forward all audit events to a SIEM solution of your choice. Currently, the tool offers support for Splunk and syslog standards.

Email

SharePoint Manager Plus can notify users of critical alerts via email. An SMTP server configuration is required for sending emails.

Our Products

AD360 | Log360 | ADManager Plus | ADAudit Plus | ADSelfService Plus

M365 Manager Plus | RecoveryManager Plus

ManageEngine
SharePoint Manager Plus

ManageEngine SharePoint Manager Plus is a tool that helps you to manage, audit, report both the on-premises and Office 365 SharePoint environments. It also allows you to monitor, track and analyze all the activities in your SharePoint infrastructure which facilitates informed, timely and accurate decision making and management.

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