PowerVest Server - Technical Architecture Overview

Platform

Native C++ Windows Service backend for protected communication, database synchronization, encrypted files, licensing, updates and operational controls.

Architecture

Product-facing clients integrate through SGClient into a protected application protocol and PowerVest Windows Service coordinating data, files, licensing and updates.

Security design

Layered AES-256-based communication protection, encrypted SQLite/SEE data services, encrypted file storage, controlled authorization and customer operational responsibilities.

Deployment

Customer-controlled Windows infrastructure with licensed source-code access available under written commercial terms.

Evaluation process

Requirements discussion, architecture review, technical fit assessment, commercial proposal and implementation planning.