Welcome to Securaa Platform Documentation

This portal provides technical documentation for the Securaa Security Platform, including architecture, implementation, and optimization guides. The platform is modular and scalable, supporting many services and integrations.

High Level Designs (HLD)

RIS High Level Design

Remote Integrated Services (RIS) system architecture, distributed client-server design, and enterprise-grade orchestration for remote service management.

Read Documentation →

Playbook Service HLD

Comprehensive architectural overview of the Playbook Service, including system design, component interactions, and deployment strategies.

Read Documentation →

SIEM Service HLD

Comprehensive SIEM service architecture, detailed component design, API specifications, and deployment models.

Read Documentation →

Process Manager HLD

Overview of zona_process_manager orchestration, service management, and integrations for microservices lifecycle.

Read Documentation →

Securaa Platform HLD

High-level design for the modular cybersecurity platform, including deployment topologies and build systems.

Read Documentation →

Securaa User Service HLD

Enterprise identity and access management architecture, multi-tenant security, authentication flows, and business intelligence.

Read Documentation →

Securaa Custom Services HLD

Go-based microservice architecture for security automation platforms. Custom application management, task workflows, and multi-tenant support.

Read Documentation →

Securaa Custom Utils HLD

Python-based custom utility service architecture. Container-based execution, code validation, multi-tenant isolation, and comprehensive security controls.

Read Documentation →

Securaa Make System HLD

Comprehensive make system architecture for building and deploying 200+ microservices. Multi-level build orchestration, dependency management, and CI/CD integration.

Read Documentation →

SIA Service HLD

AI-powered Security Operations Center (SOC) automation platform. LLM-based case analysis, playbook generation, task execution, and threat intelligence operations.

Read Documentation →

Low Level Designs (LLD)

⬚ RIS Low Level Design

Detailed technical implementation of Remote Integrated Services, including API specifications, database schemas, and communication protocols.

Read Documentation →

⬚ Playbook Service LLD

Detailed implementation specifications, class structures, database schemas, and API details for the Playbook Service.

Read Documentation →

⬚ Process Manager LLD

Detailed component, database, and API design for zona_process_manager, including class diagrams and orchestration logic.

Read Documentation →

SIEM Service LLD

Detailed implementation, database schema, entity relationships, and API specifications for the Securaa SIEM Service.

Read Documentation →

Securaa User Service LLD

Technical implementation details, database schemas, API specifications, security controls, and deployment configurations.

Read Documentation →

Securaa Custom Services LLD

Detailed implementation specifications, Go code structure, MongoDB schemas, API endpoints, and security implementation for custom services.

Read Documentation →

Securaa Custom Utils LLD

Technical implementation details, Go code architecture, MongoDB schemas, Docker container management, validation rules, and security implementation.

Read Documentation →

⚙ Securaa Make System LLD

Technical implementation details, Makefile patterns, environment configurations, CI/CD integration, security considerations, and troubleshooting guides.

Read Documentation →

🗔 SIA Service LLD

Detailed implementation specifications for AI-powered SOC automation. LLM integration, vector search, false positive reduction, and comprehensive code examples.

Read Documentation →

Complete Technical Guides

⚡ Performance Optimization Guide

Optimization strategies and techniques to improve performance, scalability, and resource utilization across platform components.

Read Documentation →

Client & Server Documentation

RIS Client Documentation

Comprehensive guide for RIS client implementation, configuration, deployment, and troubleshooting for remote service management.

Read Documentation →

RIS Server Documentation

Complete server-side documentation for RIS architecture, deployment strategies, scaling, and maintenance procedures.

Read Documentation →

Security & Compliance Documentation

Customer Security Documentation

Security policies, procedures, and compliance documentation for customers. Data protection, access controls, and security best practices.

Read Documentation →

Information Security Risk Assessment

Comprehensive risk assessment process, threat modeling, vulnerability management, and security evaluation frameworks.

Read Documentation →

Quick Reference Links

⬜ RIS (Remote Integrated Services)

➜ RIS System Architecture

➜ Implementation Details

➜ Client Architecture

➜ Server Deployment

➜ Client Implementation

➜ Task Orchestration

⬜ Securaa Playbook Service

➜ System Architecture

➜ API Design

➜ Security Architecture

➜ Database Schema

➜ API Specifications

⬜ Process Manager

➜ System Architecture Overview

→ Architecture Diagrams

→ Component Analysis

→ Detailed Component Design

→ Database Design

→ API Design Details

⬡ Performance & Optimization

→ Database Optimizations

→ Caching Strategies

→ Monitoring Setup

→ Load Testing

⬡ SIEM & Security

→ SIEM Architecture

→ Incident Management

→ Integration APIs

→ Security & Compliance

Securaa Custom Services

➜ System Architecture

➜ API Design

➜ Security Architecture

➜ Database Design

➜ API Specifications

Securaa Custom Utils

➜ System Overview

➜ Solution Architecture

➜ Security Architecture

➜ Technical Implementation

➜ Database Design

Securaa User Services

➜ System Architecture

➜ Multi-tenant Architecture

➜ Security Architecture

➜ Database Schema

➜ API Specifications

⬚ Securaa Make System

➜ System Overview

➜ Build Architecture

➜ Core Repositories

➜ Makefile Patterns

➜ Troubleshooting

⬚ SIA Service (AI-Powered SOC)

➜ System Architecture

➜ Architecture Diagrams

➜ Component Details

➜ Component Architecture

➜ LLM Integration

⬚ RIS Client & Server

➜ Client Documentation

➜ Server Documentation

→ Client Architecture

→ Server Deployment

Security & Compliance

→ Customer Security

→ Risk Assessment Process

Version Information

DOCUMENT	VERSION	LAST UPDATED	AUTHOR
RIS High Level Design	1.0	October 7, 2025	System Architecture Team
RIS Low Level Design	1.0	October 7, 2025	Development Team
Securaa Playbook Service HLD	1.0	September 11, 2025	System Architecture Team
Process Manager High Level Design	1.0	September 18, 2025	System Architecture Team
Securaa Playbook Service LLD	1.0	September 11, 2025	Development Team
Process Manager Low Level Design	1.0	September 18, 2025	Development Team
Performance Optimization Guide	1.0	September 11, 2025	Development Team
Securaa SIEM Service HLD	1.0	Current	System Architecture Team
Securaa SIEM Service LLD	1.0	Current	Development Team
Securaa Platform HLD	1.0	Current	Platform Team
Securaa Custom Services High Level Design	1.0	September 2025	Development Team
Securaa Custom Services Low Level Design	1.0	September 2025	Development Team
Securaa Custom Utils High Level Design	1.0	December 2024	Development Team
Securaa Custom Utils Low Level Design	1.0	December 2024	Development Team

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Securaa User Service HLD	1.0	Current	System Architecture Team
Securaa User Service LLD	1.0	Current	Development Team
Securaa Make System HLD	1.0	December 2024	Build System Team
Securaa Make System LLD	1.0	December 2024	Build System Team
SIA Service High Level Design	1.0	November 11, 2025	System Architecture Team
SIA Service Low Level Design	1.0	November 11, 2025	Development Team
RIS Client Documentation	1.0	October 2025	Development Team
RIS Server Documentation	1.0	October 2025	Development Team
Customer Security Documentation	1.0	Current	Security Team
Information Security Risk Assessment	1.0	Current	Security Team