STAAND Release 3.4 — Common Module Release Notes

Release Date: September 18, 2026 Module: Common User Stories: 2 Bug Fixes: 1

Overview

This release of the Common module focuses on strengthening platform security and improving operational reliability for system health monitoring services. The updates modernize how internal services authenticate with one another, reduce reliance on shared keys and secrets, and improve visibility when monitoring infrastructure experiences issues.

The release also introduces new administrative proxy endpoints that allow support and operations teams to safely test HealthProbe functionality through the Orchestrator without exposing diagnostic endpoints publicly. In addition, enhanced self-monitoring capabilities ensure that authentication failures between services generate visible alerts and incidents instead of failing silently.

New Features & Enhancements

Security & Authentication

- **#103320 — Secure HealthProbe with Orchestrator Managed Identity + Admin Proxy Endpoints**: The HealthProbe service has been upgraded to use Microsoft Entra ID Managed Identity authentication instead of Azure Function keys. Previously, access relied on shared function keys, which required additional secret management and provided broader access than necessary. With this release, the Orchestrator now securely authenticates using its own system-assigned managed identity and receives a temporary bearer token to access HealthProbe services.

Monitoring & Reliability

- **#103654 — Add self-monitoring alert when Orchestrator cannot authenticate to HealthProbe**: New self-monitoring capabilities have been added to ensure the platform can detect and report failures within its own monitoring infrastructure. Prior to this update, if the Orchestrator could not authenticate to the HealthProbe service—for example due to managed identity issues, permission changes, or Microsoft Entra outages—the monitoring process could stop without generating a visible operational alert.

Bug Fixes

Data Management Record Processing

- **#104262 — System Deactivate Allegations - Person Merge**: Fixed an issue affecting allegation deactivation during person merge processes.

Summary

Release 3.4 for the Common module delivers important security and operational improvements centered on service authentication and monitoring resilience. By replacing shared-key authentication with managed identities and introducing self-monitoring alert capabilities, the platform now provides stronger protection, improved visibility into infrastructure failures, and safer administrative diagnostics for support teams.