

# BaselineIQ v1.3 RC6.1 Release Notes

Release Date: June 2026

## Overview

BaselineIQ v1.3 RC6.1 focuses on Incident Intelligence, agent lifecycle management, deployment reliability, licensing integration, alerting capabilities, and platform stabilization. This release introduces Incident Assessment, Common Cause Analysis, operational impact scoring, duration tracking, and significant usability improvements throughout the Console.

This release represents a major usability enhancement focused on helping operators understand, prioritize, and troubleshoot connectivity incidents more efficiently.

## New Features

### Alert Service

#### Added:

- Incident monitoring
- Email alert processing
- Service heartbeat monitoring
- Alert configuration management
- Test email capability

### Licensing

#### Added:

- Online activation
- Trial licensing
- Professional licensing
- License verification
- Machine activation tracking
- Automatic license revalidation
- Automatic downgrade of inactive, refunded, revoked, or expired licenses
- Customer self-service license deactivation

### Agent Auto-Update Framework

Added:

- Automatic Agent update detection
- Agent Update Package management
- SHA256 package validation
- Secure update staging
- BaselineIQ.Agent.Updater component
- Update history tracking
- Version-aware update processing
- Centralized Agent update deployment

## Dashboard / Administration

Added:

- Agent Updates administration page
- Publish Agent Update Package workflow
- Update package history
- Update deployment visibility

## Incident Intelligence

Added:

- Incident Assessment with plain-English analysis
- Operational Impact classification (Low, Medium, High)
- Confidence scoring for incident analysis
- Recommended Actions based on incident type
- Common Cause Analysis across related incidents
- Related Activity correlation and visibility
- Incident duration tracking
- Assessment summaries on Incident and History pages
- Severity, impact, and status badges
- Local time display throughout the Console

#### Enhanced:

- Incident Details workflow
- Open Incidents visibility
- Incident History usability
- Operator troubleshooting efficiency
- Incident prioritization and triage

#### Agent Enhancements

##### Added:

- Automatic update checks
- Background update processing
- Package integrity verification
- Safe update staging in ProgramData
- Updater launch and execution framework

#### Dashboard

##### Added:

- Alert Service status
- Agent visibility improvements
- Healthy path counts
- Open incident visibility
- Licensing visibility
- Operational impact visibility
- Improved incident prioritization
- Local time display

#### Target Details

##### Added:

- Route information
- Traceroute information
- Drift history
- Recent checks
- Agent visibility

## Installer Improvements

### Uninstall Behavior

The BaselineIQ installer now performs a more complete application removal while preserving customer data by default.

Default uninstall behavior removes:

- BaselineIQ Console files
- BaselineIQ Agent files
- BaselineIQ Alert Service files
- Windows Services installed by BaselineIQ
- Scheduled Tasks installed by BaselineIQ
- IIS Site created by BaselineIQ
- IIS Application Pool created by BaselineIQ

To prevent accidental data loss, the following items are preserved:

- NetBaseline database
- ProgramData configuration and log files
- SQL logins and permissions

The Cleanup-BaselineIQ-Leftovers.ps1 utility has been expanded for administrators who require complete environment removal after uninstalling the product.

The cleanup utility can optionally remove ProgramData folders, drop the NetBaseline database, and remove BaselineIQ SQL users/logins after explicit confirmation.

### Deployment Standardization

Program Files:

- BaselineIQ.Console
- BaselineIQ.Agent
- BaselineIQ.AlertService

ProgramData:

- NETBASELINEIQ

## Database Deployment

- Unified database deployment
- Improved installation reliability
- Improved seed data creation
- Improved alert configuration deployment

## Security Hardening

- SQL credentials no longer logged
- SQL deployment files removed after installation
- Reduced exposure of internal implementation details

## Security Improvements

Added:

- SHA256 package verification before installation
- Update package integrity validation
- Protection against tampered update packages

## Stability Improvements

- Improved Agent reliability
- Improved Alert Service reliability
- Improved dashboard status reporting
- Improved heartbeat persistence
- Improved installation validation
- Improved service startup behavior
- Improved license status synchronization between Console and Licensing Platform
- Improved subscription enforcement and activation validation
- Improved Agent maintenance workflow
- Reduced manual upgrade requirements for multi-agent deployments
- Improved version management
- Improved deployment consistency
- Improved incident correlation accuracy
- Improved route drift classification
- Improved DNS endpoint rotation detection
- Improved incident prioritization and visibility
- Improved multi-incident analysis workflow

## Resolved Issues

- UTC timestamps displayed directly in Console views instead of local time
- Alert Service heartbeat failures
- Service account SQL permission issues
- Installer folder inconsistencies
- Database seed data issues
- Admin account creation issues
- Alert configuration initialization issues
- Dashboard service status reporting issues

- Clean installation reliability issues
- Professional licenses remaining active locally after refund or revocation
- License status inconsistencies between Console and Licensing Platform
- Inability to transfer licenses between systems without administrative intervention

## Included Components

- BaselineIQ.Console
- BaselineIQ.Agent
- BaselineIQ.Agent.Updater
- BaselineIQ.AlertService
- SQL Server Database Objects
- Licensing Platform

## Upgrade Notes

Existing installations should be upgraded using the latest installer package.

A full backup of the NetBaseline database is recommended before performing upgrades.

Review the Release Notes and Installation Guide prior to upgrading production environments.

Document Version:

BaselineIQ v1.3 RC6.1



