NimbusTrack Release Notes - Version 1.0

Release Date: August 4, 2025
NimbusTrack is a cloud-based asset tracking and analytics platform. This release introduces the initial core features for enterprise-grade asset management.

New Features

- Asset Registration: Create, edit, delete, and bulk import asset profiles.
- Real-Time Tracking: GPS and RFID-based location updates every 15 seconds, with geo-fencing alerts.
- Usage Analytics: Asset utilization dashboards, predictive maintenance suggestions, and exportable reports.
- User Management: Role-based access control, MFA, and SSO integration.

Performance & Security Enhancements

- System supports up to 50,000 concurrent assets with <1 sec delay in location updates.
- AES-256 encryption applied to all data in transit and at rest.
- Horizontal scaling on AWS using Kubernetes for high availability.

Bug Fixes

- Resolved map clustering issue for >500 assets.
- Fixed CSV import validation errors for special characters.
- Addressed WebSocket connection drops under heavy load.

Delivery Timeline

Phase	Start Date	End Date	Deliverable
Requirements Gathering	Aug 5, 2025	Aug 20, 2025	Finalized requirements doc
Development Sprint 1	Aug 21, 2025	Sep 30, 2025	Asset Registration + Tracking
Development Sprint 2	Oct 1, 2025	Nov 15, 2025	Analytics + User Management
QA & UAT	Nov 16, 2025	Dec 10, 2025	Approved release candidate
Launch	Dec 15, 2025	Dec 15, 2025	Public release v1.0