FEATURE PRIORITIZATION VNEXT - [AURORA SYSTEM]

1. INTRODUCTION

The Aurora Industrial Ozone Sanitization System was developed to address the growing demand for safe, efficient, and environmentally sustainable sanitization in industrial environments. The first generation of Aurora successfully integrated advanced ozone generation technology with intelligent automation, enabling customers across food processing, pharmaceuticals, healthcare, and logistics to meet strict regulatory standards while reducing downtime and operational costs.

As adoption grows, customer feedback, market analysis, and evolving compliance requirements highlight the need to expand Aurora's capabilities. The next version of the system, referred to in this document as Aurora vNext, will focus on closing identified gaps, strengthening safety mechanisms, and delivering advanced features that improve efficiency, usability, and long-term value.

This document defines and prioritizes the key features under consideration for Aurora vNext. The intent is to provide a clear, evidence-based framework that will guide product management, engineering, and compliance teams in making development decisions.

PURPOSE OF THIS DOCUMENT

- To capture and define proposed features for the next release of Aurora.
- To prioritize features based on safety, compliance, customer value, and technical feasibility.
- To align stakeholdersengineering, product management, compliance officers, and executivesaround a shared roadmap.
- To serve as a reference point for future audits, development planning, and investment discussions.

AUDIENCE

This document is intended for:

- Product Managers to guide roadmap planning and resource allocation.
- Engineering Teams to understand technical priorities and dependencies.
- Compliance & Safety Officers to ensure features align with regulatory obligations.
- Executives & Investors to validate that the product roadmap supports business growth and market leadership.

SCOPE

The document focuses on features planned for Aurora vNext (Aurora v2.0 and incremental updates). These include:

- Safety-critical improvements,
- High-value enhancements based on customer demand, and
- Future-facing features with innovation potential.

EXCLUSIONS

This document does not cover:

- Experimental R\&D concepts without immediate feasibility,
- Long-term roadmap items reserved for Aurora v3.0+, or

- Internal engineering details beyond the feature level (covered in design specifications).

2. CURRENT SYSTEM OVERVIEW

Summary of Existing Capabilities

Hardware performance (ozone generation, sensors, safety systems).

Software features (automation, dashboards, remote access).

Known Limitations

Gaps in current functionality.

Customer feedback and complaints.

Regulatory or operational challenges.

3. PRIORITIZATION FRAMEWORK

Criteria for Prioritization

Safety & compliance impact.

Customer value & market demand.

Operational efficiency gains.

Technical feasibility & development effort.

Cost vs. ROI.

Scoring System (optional)

Example: 15 scale for each criterion.

Weighted scoring for decision-making.

Feature Tiers

Tier 1 (Critical / Must-Have).

Tier 2 (High-Value / Should-Have).

Tier 3 (Future Consideration / Nice-to-Have).

4. PROPOSED FEATURES FOR AURORA VNEXT

4.1 TIER 1 CRITICAL / MUST-HAVE

Feature name

Description

Business justification (safety, compliance, demand).

Expected impact (e.g., regulatory approval, reduced downtime).

Technical considerations.

4.2 TIER 2 HIGH-VALUE / SHOULD-HAVE

Feature name

Description

Customer/market driver.

Efficiency or performance gain.

Dependencies (hardware/software modules).

4.3 TIER 3 FUTURE CONSIDERATION / NICE-TO-HAVE

Feature name

Concept overview.

Innovation potential.

Risks or uncertainties.

5. FEATURE IMPACT ANALYSIS

Comparison Table (example):

Feature	Tier	Customer Value	Compliance Impact	Dev Effort	ROI Potential	Priority Score

Narrative Analysis

Safety improvements.

Market competitiveness.

Operational benefits.

6. DEPENDENCIES AND RISKS

Technical Risks hardware availability, software complexity.

Regulatory Risks pending standards, new safety limits.

Resource Constraints R\&D bandwidth, third-party suppliers.

Interdependencies features that rely on others being implemented first.

7. ROADMAP ALIGNMENT

Short-Term Goals (Aurora v2.0) features targeted for immediate development.

Medium-Term Goals (Aurora v2.x) secondary features after initial release.

Long-Term Vision (Aurora v3.0+) innovative or experimental features.

Cross-Reference links to Upgrade_Roadmap.pdf for scheduling details.

8. CONCLUSION

Recap of the highest-priority features.

Next steps: design specs, resource allocation, pilot testing.

Call for stakeholder approval and alignment.

9. APPENDICES

A. Customer Feedback Summaries direct user requests or pain points.

B. Competitor Feature Benchmarking comparison of upcoming competitor systems.

C. Regulatory References relevant OSHA, EPA, ISO, FDA standards.

D. Glossary technical and regulatory terminology.