

## ChatMD Device Identification

- **Device Name:** ChatMD
- **Model Identification:** Specific model or version details as applicable.
  - Example: v0.0.0 build yymmdd
- **Nomenclature for Version or Model Numbering in SaMD Products:**
  - Version number scheme: v0.0.0 build yymmdd, where:
    - ♣ **Major Version:** Incremented for significant updates, new features, or changes affecting compatibility.
    - ♣ **Minor Version:** Incremented for minor feature additions or enhancements that do not fundamentally alter the product.
  - Example: 1.0.0.250215

## ChatMD Software Versioning Framework

### Version Number Format for Production Releases

- **MAJOR.MINOR.PATCH build YYMMDD**

### Version Number Format for Pre-release Versions

- Alpha versions: **MAJOR.MINOR.PATCH-alpha build YYMMDD**
- Beta versions: **MAJOR.MINOR.PATCH-beta build YYMMDD**
- Release candidate versions: **MAJOR.MINOR.PATCH-rc.# build YYMMDD**

### Versioning Components

#### Primary Software Version Number

- **MAJOR** (*1.0.0* → *2.0.0*)
  - Increments when there are **breaking changes** that are **not backward-compatible**
  - Example: A major UI redesign or a new framework that requires significant modifications
- **MINOR** (*1.0.0* → *1.1.0*)
  - Increments when **new features** are added in a **backward-compatible** manner
  - Example: Adding a new feature like prescription reminders
- **PATCH** (*1.0.0* → *1.0.1*)
  - Increments when **small fixes, optimizations, or patches** are applied
  - Example: Bug fixes, UI adjustments, security updates

#### Pre-release Version Designations

Append -alpha, -beta, or -rc to indicate development stages:

- 1.2.0-**alpha** (Where new features are actively coded and tested internally.)
- 1.2.0-**beta** (Public testing with selected users before rolling out widely)

3-6-25

- 1.2.0-rc.# (Release candidate/nearly finalized version ready for full release after final testing)

## Build Number

- Unique ID based on the commit date in the format *YYMMDD*

## Examples

1. **Prototype Phase**
  - a. **Naming Example:** v0.1.0-alpha build 240405 (Alpha version 0.1 built April 5th, 2024)
  - b. Early-stage conceptual development and testing.
2. **Production Version / MVP (Minimum Viable Product) – Soft Launch (March 31st, 2025)**
  - a. **Naming Example:** v1.0.0 build 250331 (Production version 1.0, built on March 31st, 2025)
  - b. First live version with limited release to customers for real-world use and feedback.
3. **Production Version w/bug fixes (Active Live Version)**
  - a. **Naming Example:** v1.0.1 build 250401 (April 1st, 2025 – first day of bug fixes)
  - b. Addresses critical issues found after MVP launch.
4. **Development of New Features (Post-MVP)**
  - a. **Naming Example:** v1.1.0-alpha build 250415 (April 15, 2025)
  - b. New features being internally developed.
5. **Beta Testing of New Features (2 Months Post-MVP)**
  - a. **Naming Example:** v1.1.0-beta build 250531 (Beta testing for feature updates begins on May 31st, 2025)
  - b. Select users test new features before full deployment.
6. **Release Candidate Testing of New Features (2.5 Months Post-MVP)**
  - a. **Naming Example:** v1.1.0-rc.1 build 250531 (Release candidate nearly finalized for full release after testing May 31st, 2025)
  - b. Select users test build that will be released to production if no additional issues are identified.
7. **Full Release of New Features (3 Months Post-MVP)**
  - a. **Naming Example:** v2.0.0 build 250630 (Major feature update release on June 30th, 2025)
  - b. Introduces enhancements or new functionalities based on beta feedback.