Philips IntelliSpace Critical Care

Advanced clinical information system for critical care and perioperative settings, providing integrated data, structured documentation, and clinical decision support.

https://www.philips.com

Overview

Philips IntelliSpace Critical Care and Anesthesia (ICCA) is a Class IIb Software as a Medical Device (SaMD) designed to transform the high-acuity care environment, including Intensive Care Units (ICU) and perioperative settings. The system is the evolution of a long-standing product line (formerly HP CareVue Chart and IntelliVue Clinical Information Portfolio).

ICCA addresses the challenges of data-overload and complex workflows by consolidating critical patient data from various sources—including bedside monitors, infusion pumps, ventilators, and laboratory systems—into a single, intuitive flowsheet. This integration is designed to empower clinicians with rapid, reliable access to comprehensive patient information, supporting timely and informed decision-making.

Key Benefits

Enhanced Clinical Decision Support: Embedded tools and evidence-based clinical decision support bundles (e.g., for sepsis, ventilator-associated pneumonia (VAP), and diabetes) help identify potential adverse events and ensure adherence to best practices.

Streamlined Documentation: Provides standardized, structured documentation tools across units, which actively supports enhancement of documentation accuracy and streamlines therapeutic workflow efficiency.

Improved Interoperability: Seamlessly integrates with Electronic Medical Records (EMRs) using HL7 capabilities and connects with Philips and non-Philips medical devices via the Philips Medical Device Information Platform (MDIP) and IntelliBridge System.

Longitudinal Patient Record: The Care Continuum feature displays data from both the Operating Room (OR) and the ICU as an ongoing record of care, focusing on intake/output, fluid totals, and key therapies.

Target Users and Use Cases

Target Users: Intensivists, Anesthesiologists, Critical Care Nurses, Respiratory Therapists, and Hospital IT/Informatics teams.

Use Cases: ICU documentation and charting, Anesthesia documentation, Clinical decision support, Protocol compliance monitoring, Quality improvement initiatives, and Clinical research using the built-in Data Analysis and Reporting (DAR) toolset.

Key Features

- Real-time Patient Data Aggregation

- Clinical Decision Support (CDS) Bundles

- Structured and Configurable Documentation

- ICU and Anesthesia Flowsheets

- Care Continuum Record (OR to ICU)

- Data Analysis and Reporting (DAR) Toolset

- Integrated Order Management (CPOE)

- Role-based Access Control

Pricing

Model: enterprise

Pricing is based on a custom enterprise contract. Contact Philips sales for a quote.

Target Company Size: enterprise

Integrations

HL7-based EMRs/HIS, Philips Medical Device Information Platform (MDIP), Philips IntelliBridge System, Bedside Monitors (Philips and third-party), Infusion Pumps and Ventilators, Laboratory Information Systems (LIS)

Compliance & Certifications

HIPAA, EU MDR 2017/745 (Class IIb SaMD)