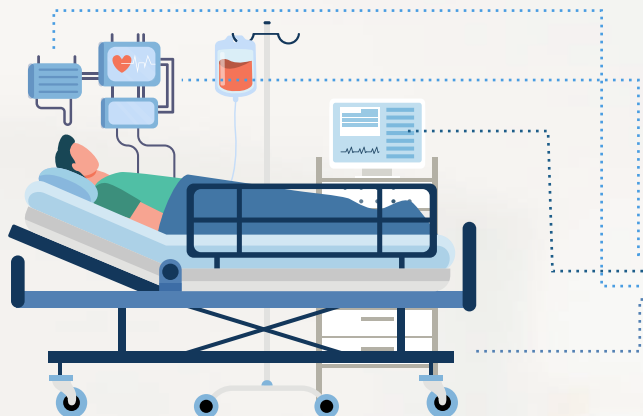




ICU Medical Device Integration Platform

Kryon Series

Making the complex ICU data simple and connecting / recording to HIS via IoMT technology



Traditional

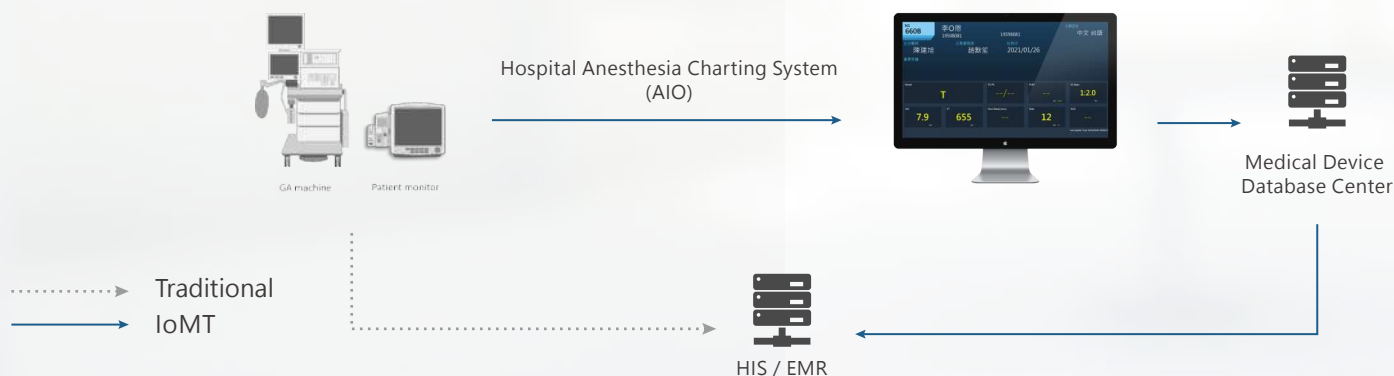
- Different brand & model of medical devices
- Information Scattered, difficult to get information
- Not all connecting to HIS



IoMT Solution

- Intelligent data collecting and recording
- Quick view dashboard to monitor easily
- Connecting **250** more equipment devices

System Diagram



Connecting Equipment List

Total **250**

Patient Monitor : 77
 Blood Gas : 1
 Fetal Monitor : 8
 Weight Scale : 8

Perfusion Devices : 3
 Spot Check Monitor : 15
 Infusion Devices : 28
 Incubator / Warmers : 7

Hemodialysis Machine : 19
 Intra Aortic Balloon Pumps : 12
 Continuous Cardio Output Monitor : 9
 Ventilators & Anesthesia Machine : 63



- Seamless Retrieve-n-Transfer
- UI-less Server Side Data Collection
- Clinical Focus Patient Dashboard
- Comprehensive Clinical Assessment
- Comprehensive Clinical Data Input
- Easy deployment and maintenance



The fundamental layer is KRYON-M and device drivers. KRYON-M is a plug-and-play medical device integration (MDI) platform. It seamlessly collects data from medical devices connected by drivers. KYRON-M is vendor neutral and supports all main brands in the market. Easy to use is the advantage for clinical users. It can also integrate patient demographics by adding an HIS gateway server.

KRYON is an edge computing architecture, real-time device data and patient clinical information are the base of KRYON ICU/HD/RT for clinical users. These applications are mainly a patient dashboard with heuristic rules and data visualization technology to show doctors and nurses their specific focus of diagnoses. Thanks to the built-in clinical workflow functions, clinicians can enjoy a better working experience compared with traditional manual medical records.

