



Continuous Vitals Monitoring System

Sekhmet IOMT Platform

About Sekhmet (“Goddess of Medicine”)

In light of the declining medical resources in the world, Sekhmet is a product co-developed by Eventus and JKL i-Healthcare. It can provide real-time monitoring of subject’s vital sign data.

The Sekhmet solution combines AI, Big Data, and Bluetooth wearable devices, such as measuring body temperature, heartbeat, and blood oxygen levels. In addition to providing real-time data, it will also give early warning when vital signs trending is changing.

Through Sekhmet, all user data can be seen at a glance, and manual inspection time and cost can also be reduced.

Why do you need Sekhmet?

Real-time vital monitoring

Alert and Notify when potential issues are detected

Use Open Standards

Ability to track a patient's location

How can Sekhmet help?

1

Real-time Vital Monitoring

Sekhmet helps you keep track of patients' health by capturing different vital data with supported Bluetooth device

2

Alerts

Ability to trigger alerts and notify users when abnormal situations are detected

3

Monitor Patient's Location

Display patients' data and location in a consolidated dashboard

4

Integrations

All data collected is stored in an open format for easy integration. Ability to support different Bluetooth monitors upon certification and integration by us

Available IOMT Devices



Neonatal SPO2



SPO2

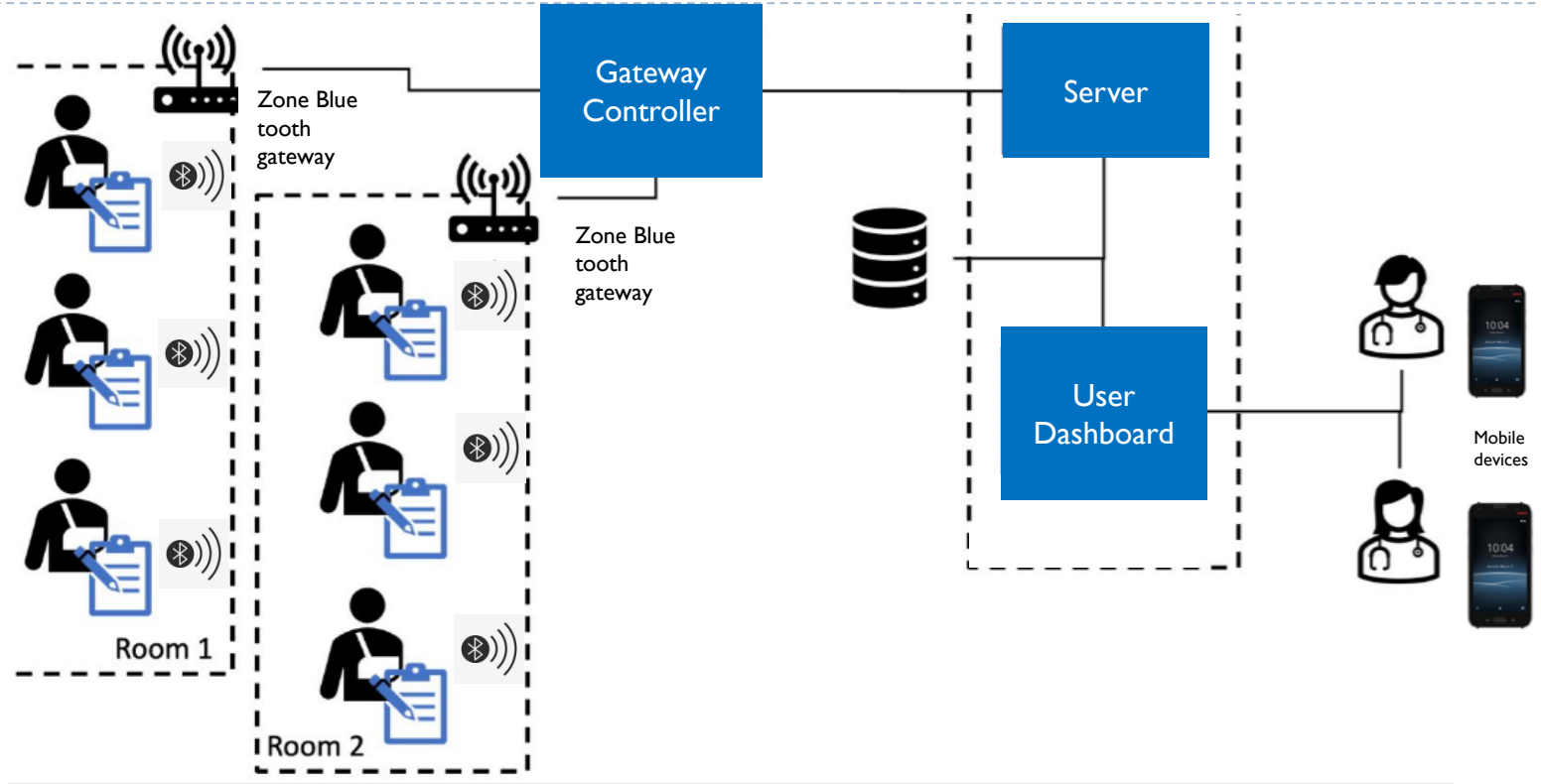


Body Temperature
sensor

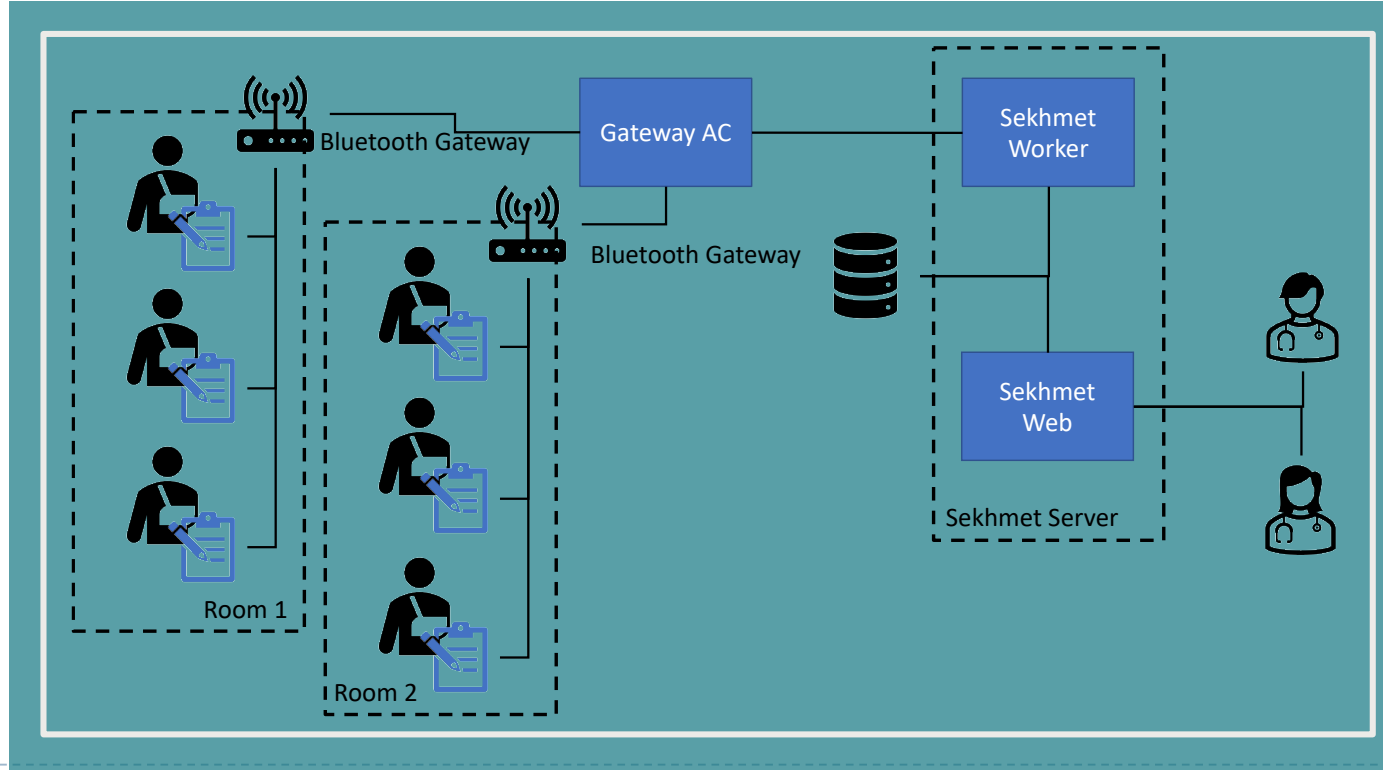


NIBP

Sekhmet Architecture

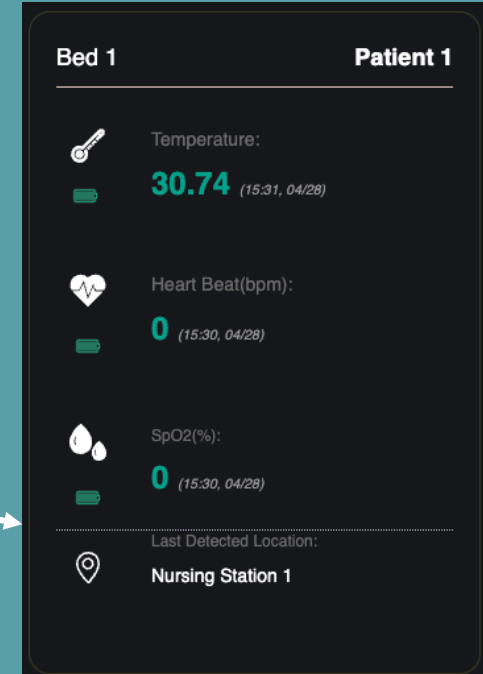
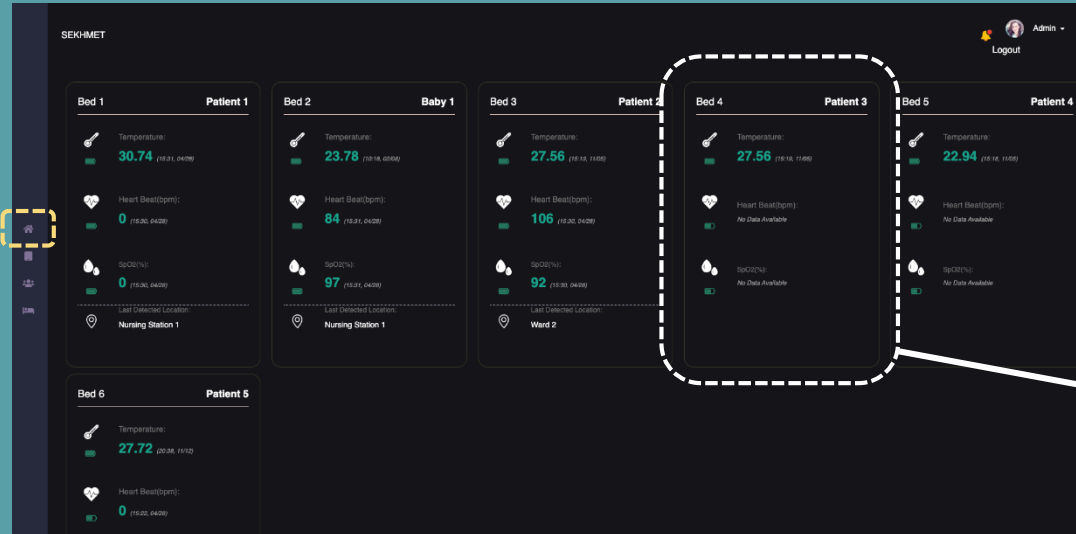


Sekhmet Architecture



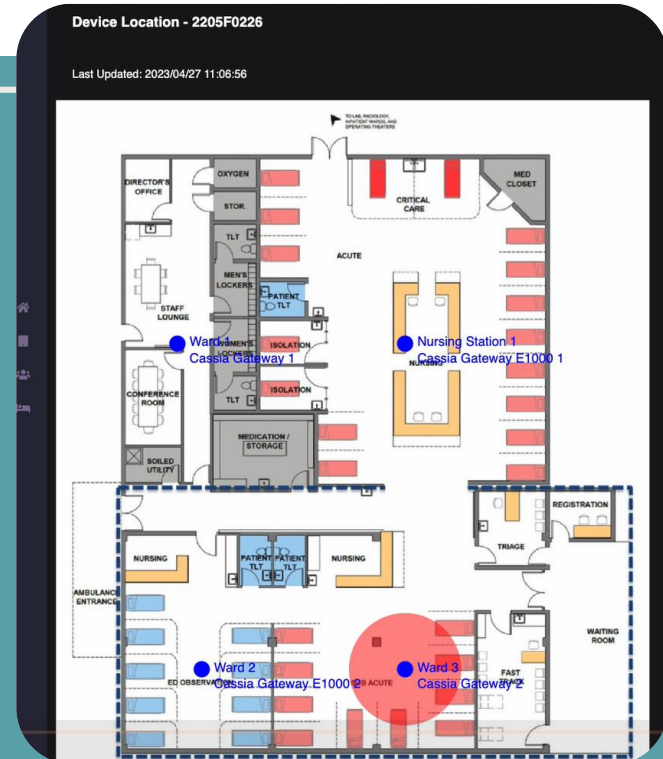
Dashboard

- Dashboards provide an easy to read summary of all patients' key vital information

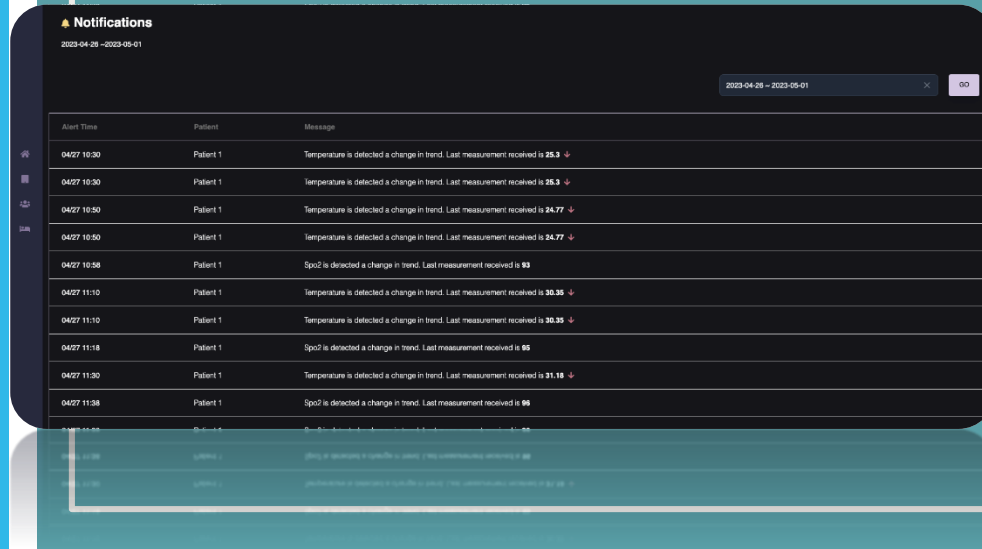


Locations

Using Sekhmet, patients and devices can be monitored, incidents due to inadequate attention can be minimized or even be avoided



Alerts and Notifications



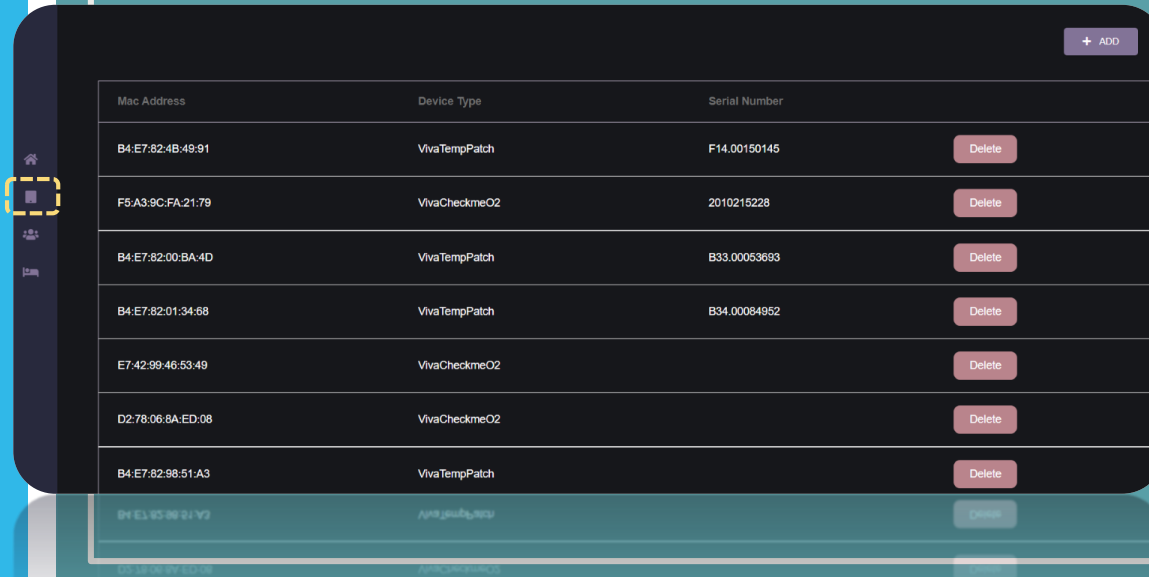
Alert Time	Patient	Message
04:27 10:30	Patient 1	Temperature is detected a change in trend. Last measurement received is 25.3 ↓
04:27 10:30	Patient 1	Temperature is detected a change in trend. Last measurement received is 25.3 ↓
04:27 10:30	Patient 1	Temperature is detected a change in trend. Last measurement received is 24.77 ↓
04:27 10:50	Patient 1	Temperature is detected a change in trend. Last measurement received is 24.77 ↓
04:27 10:58	Patient 1	SpO2 is detected a change in trend. Last measurement received is 93
04:27 11:10	Patient 1	Temperature is detected a change in trend. Last measurement received is 30.35 ↓
04:27 11:10	Patient 1	Temperature is detected a change in trend. Last measurement received is 30.35 ↓
04:27 11:18	Patient 1	SpO2 is detected a change in trend. Last measurement received is 95
04:27 11:30	Patient 1	Temperature is detected a change in trend. Last measurement received is 31.18 ↓
04:27 11:38	Patient 1	SpO2 is detected a change in trend. Last measurement received is 96

The following is the current supported set of alerts

1. Vital figures collected out of range (e.g. SpO2 is below 95%)
2. Vital trend predictions (e.g. detect if body temperature is showing an increasing trend)
3. Connection drop (e.g. No data reported in last 10min)
4. Out of Geo Zone (e.g. device/patient out of ward) **(In development and testing)**
5. Patients need attention (e.g. patient in a location for over x min and showing change in vital figures) **(in development and testing)**

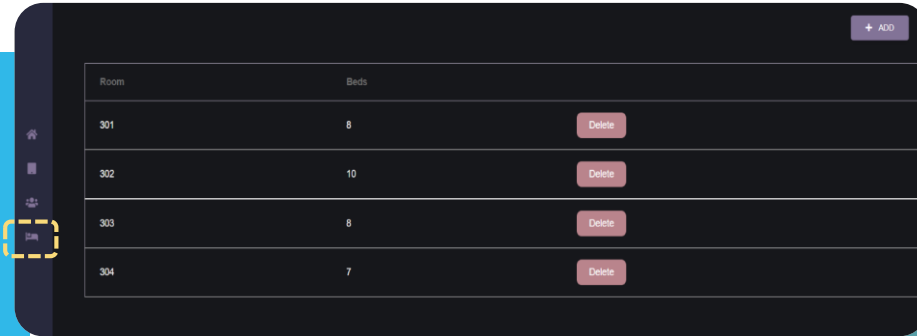
Devices Management

You can add the list of devices available to your facility and set if they are available to use with Patient



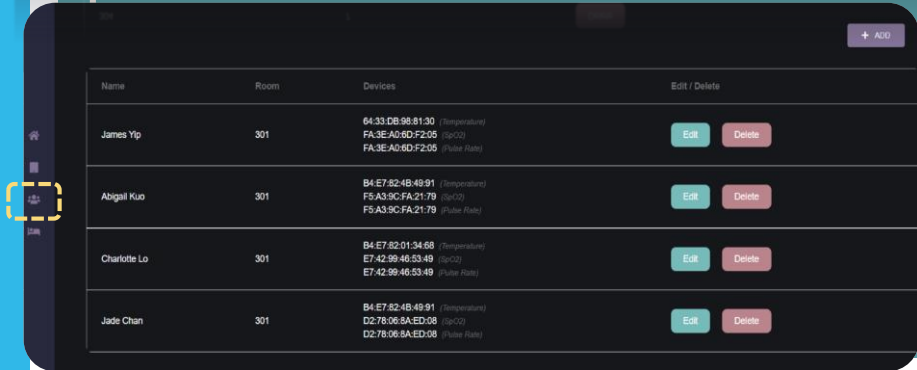
Mac Address	Device Type	Serial Number	
B4:E7:82:4B:49:91	VivaTempPatch	F14.00150145	Delete
F5:A3:9C:FA:21:79	VivaCheckmeO2	2010215228	Delete
B4:E7:82:00:BA:4D	VivaTempPatch	B33.00053693	Delete
B4:E7:82:01:34:68	VivaTempPatch	B34.00084952	Delete
E7:42:99:46:53:49	VivaCheckmeO2		Delete
D2:78:06:8A:ED:08	VivaCheckmeO2		Delete
B4:E7:82:98:51:A3	VivaTempPatch		Delete
B4:E7:82:98:51:A3	VivaTempPatch		Delete
B4:E7:82:98:51:A3	VivaTempPatch		Delete

Room/Patient Management



Room	Beds	
301	8	Delete
302	10	Delete
303	8	Delete
304	7	Delete

You can pair the patient to rooms/beds and devices for reporting and monitoring purpose



Name	Room	Devices	Edit / Delete
James Yip	301	64:33:08:98:81:30 (Temperature) FA:3E:A0:6D:F2:05 (SpO2) FA:3E:A0:6D:F2:05 (Pulse Rate)	Edit Delete
Abigail Kuo	301	B4:E7:82:4B:49:91 (Temperature) F5:A3:9C:FA:21:79 (SpO2) F5:A3:9C:FA:21:79 (Pulse Rate)	Edit Delete
Charlotte Lo	301	B4:E7:82:01:34:68 (Temperature) E7:42:99:46:53:49 (SpO2) E7:42:99:46:53:49 (Pulse Rate)	Edit Delete
Jade Chan	301	B4:E7:82:4B:49:91 (Temperature) D2:78:06:8A:ED:08 (SpO2) D2:78:06:8A:ED:08 (Pulse Rate)	Edit Delete

Thank You

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HONGKONG | SINGAPORE | TAIWAN | UNITED KINGDOM | UNITED STATES



