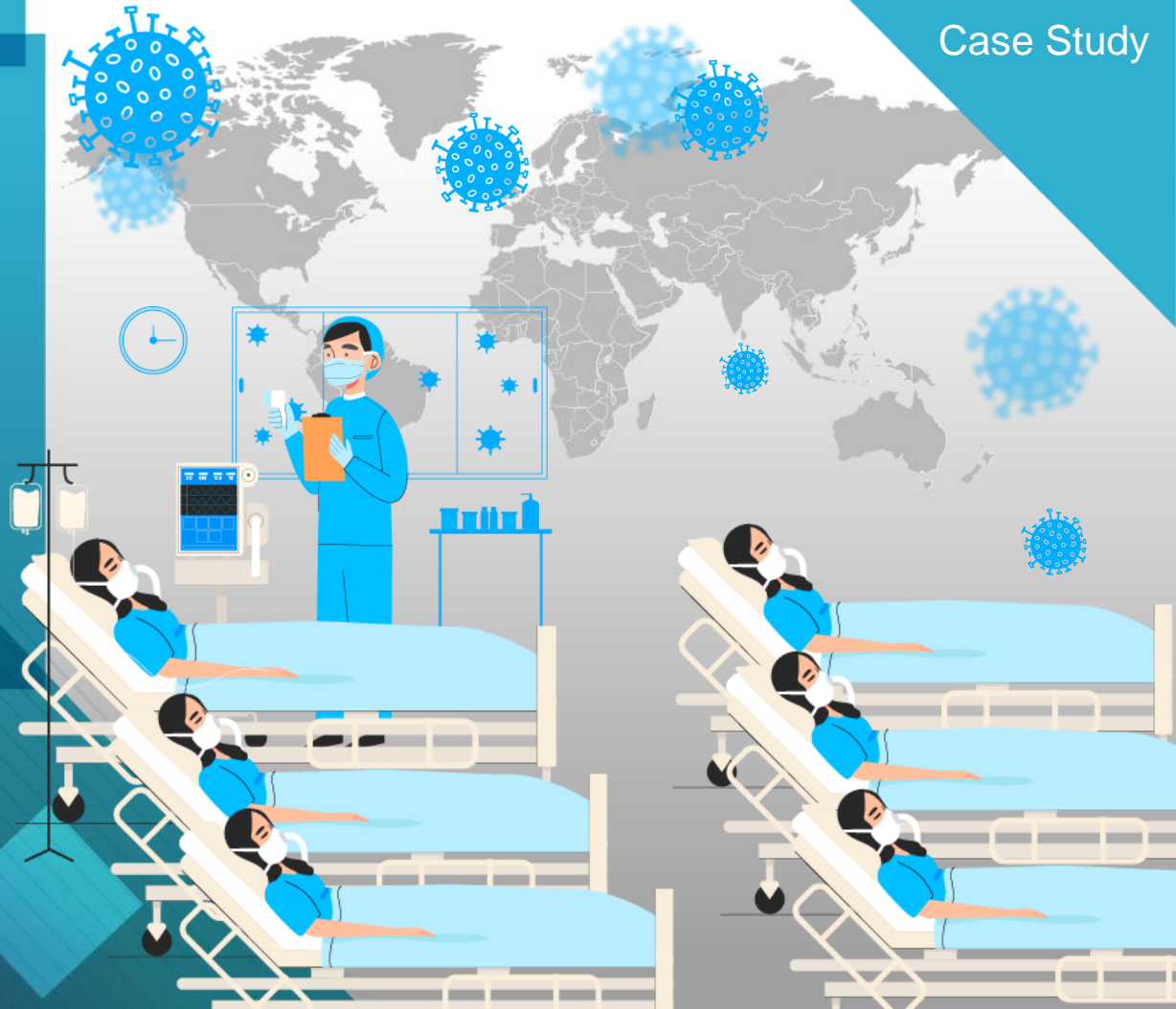




Mobile Nursing Solution

Katy Chen



Key Highlights



Our Customer

An Australia's leading public hospital



Challenges

The customer was seeking to upgrade its EMR system on an All-In-One medical panel PC to improve the overall delivery of clinical care.



Solution

IEI developed a mobile point-of-care medical certified panel PC powered by hot-swappable batteries to keep EMR in continuous use.



Results

Nursing carts can now achieve 24/7 operation for optimal use, providing the maximum value for the investment.

- Improve caregivers efficiencies
- Improve patient care
- Reduce medication errors

Our Customer

Challenges

Solution

Results

Our Customer

One of the largest leading public hospitals in Australia, and it is known for having one of the largest Emergency Departments in the country.



Staff

+ 7,000

Beds

+ 1,400

People

+ 70,000

provided with urgent care
for the past two years

Challenges

Our Customer

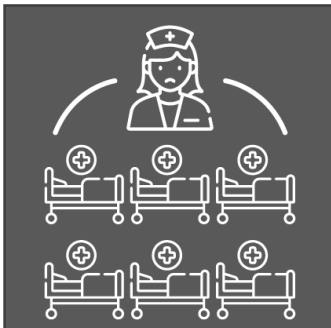
Challenges

Solution

Results



Old Hospitals
With Narrow
Corridors



High Nurse
Workloads



Inevitable
Bacteria Buildup



Bulky Battery
Pack

The Right Solution

Our Customer

Challenges

Solution

Results



Our Customer

Challenges

Solution

Results

The Right Solution

- **POCm-W22C/W24C:**
mounted on a medical cart, as a Workstation on Wheel (WOW)
- **POCm-DOCKING:**
battery charging docking for POCm-W22C/W24C's battery

台灣精品 2020
TAIWAN EXCELLENCEDESIGN
AWARD
2019Prescription
roomTreatment
roomWards for
general
purposeNursing
station

POCm-W22C-ULT3-i5/PC

Our Customer

Challenges

Solution

Results

- All-In-One medical certified (IEC 60601-1-6) terminal
- 3 x hot-swappable batteries:
 - (1) with 8 to 16hrs runtime for 24/7 support
 - (2) bring a 79% battery weight reduction
- IP65 front panel and anti-bacteria housing for easy cleaning

POCm-DOCKING-6BAY

Our Customer

Challenges

Solution

Results

- Stackable and side-facing design to prevent dust
- Supports fast charging (only 3.5 hours from 0 to 100%)
- Supports 6 x batteries charging at the same time

Remote real-time battery monitoring

Our Customer

Challenges

Solution

Results

- Client Mode & Server Mode
- Allows the IT technicians to monitor the whole system remotely
- Battery cycles counts and preventative maintenance analysis

Our Customer

Challenges

Solution

Results

Results

- Reduce IT workload
- Lower maintenance frequency
- Diagnose problems remotely and in-time



IT BENEFITS

HOSPITAL FINANCIAL

BENEFITS

NURSING TEAM

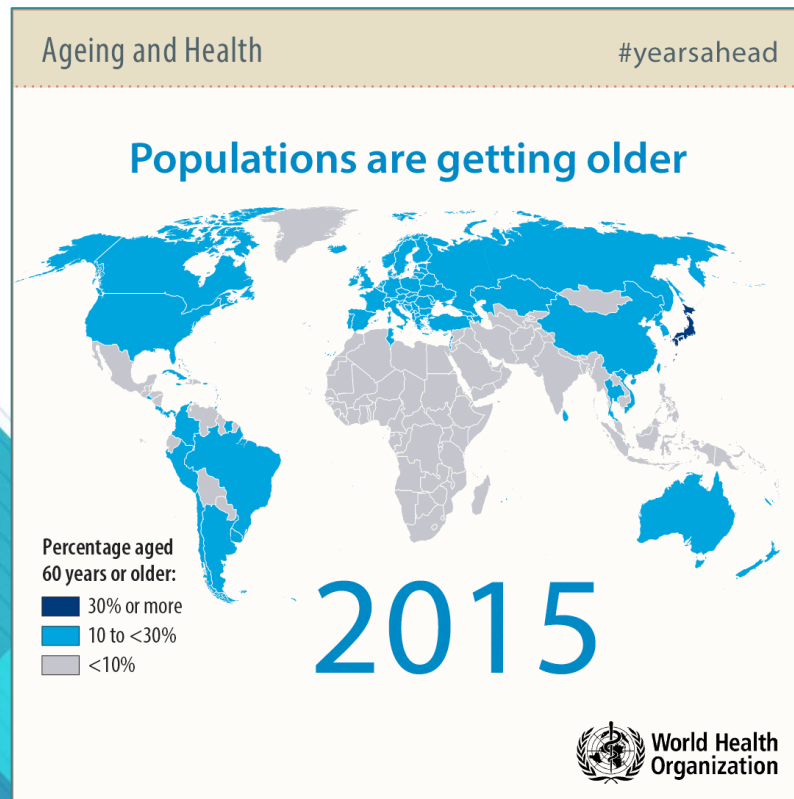


- Decrease capital and operating expense
- Maximize the investment value



- Lower the workload
- Reduce medication errors
- Improve work efficiencies
- Enhance patient care quality

Ageing population is up...



“The world needs **6 million** more nurses
by 2030 to reach global health targets.”

— World Health Organization





Download Case Study

Contact us

