

A person is sitting at a desk, working on a laptop. A tablet is propped up in front of the laptop, displaying some text. To the left, another person's hands are visible, holding a tablet. On the desk, there is also a white mug with a city skyline design. The background is slightly blurred.

innodisk iCAP proposal

July 20, 2017

- 
- 01 AJA Intro**
 - 02 Design Process**
 - 03 Project Goal**
 - 04 UX Proposals**
 - 05 Discussion**

01 AJA Intro

AJA | 台灣第一家專注在
UX 創新的設計顧問公司

“

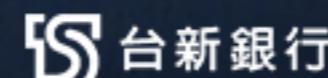
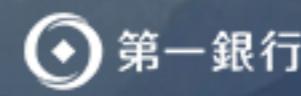
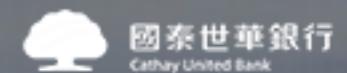
We create awesome UX. We're good at solving business issues by developing seamless UX design solution based on user insights.

”

我們挖掘使用者洞見，從而規劃出整套緻密創新的UX設計方案並藉此解決客戶的商業問題。

Introduction - about AJA

Every customer is precious to us, whether big or small.



Case Sharing - Web OS for IT Management

What we done in IT management domain



Enabling an Intelligent Planet

SUSIAccess 2.1 & Digital Signage

Advantech - Cloud Services Wireframe

Enabling an Intelligent Planet

Project

研華/工業雲端管理系統

營造一個專業高效率
的工業雲端管理平台



工業電腦的 World No.1

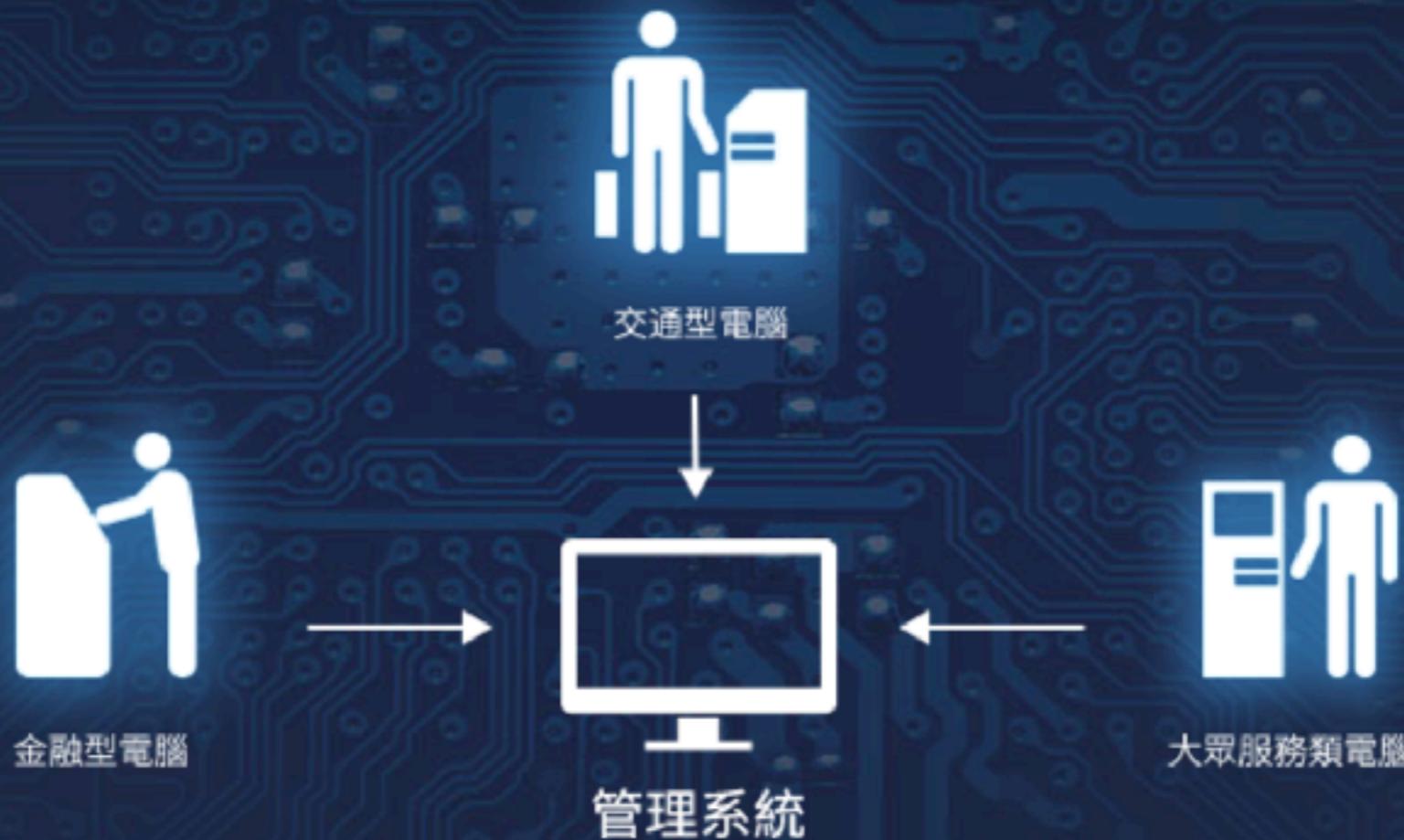
研華致力成為全方位的系統整合及設計服務的領導廠商，以提供各類廣泛應用與橫跨各種產業的完整解決方案，在雲端運用與嵌入式系統開發，研華再次選擇大予創意設計合作，開發新版本遠端控制與雲端管理電腦系統。

Advantech - Cloud Services visual style

Enabling an Intelligent Planet

專案的挑戰

嵌入式的工業電腦不同於一般消費型設備，必須考量多種不同的使用情境與族群，從使用者的角度來思考事情，把複雜的內容化繁為簡。



Advantech - Cloud Services visual style

Enabling an Intelligent Planet

提醒，警示，管理，監控反覆驗證找到最佳化



Advantech - Cloud Services visual style

Enabling an Intelligent Planet

不只好看更要易於維護與擴充

型依功能而生，一個好的介面不僅要直覺美觀，更要考量後續維護與程式開發擴充的需求。



Synology - Web OS for IT Management

Web-based operating system running on NAS systems.

Synology®

DSM 4.0 & DSM 5.0

Synology - Web OS for IT Management

Web-based operating system running on NAS systems.

Project

Synology / 透過使用經驗改造的數位創新

引領用戶體驗
更美好的雲端服務



領先世界的 NAS，透過使用經驗找到創新原點

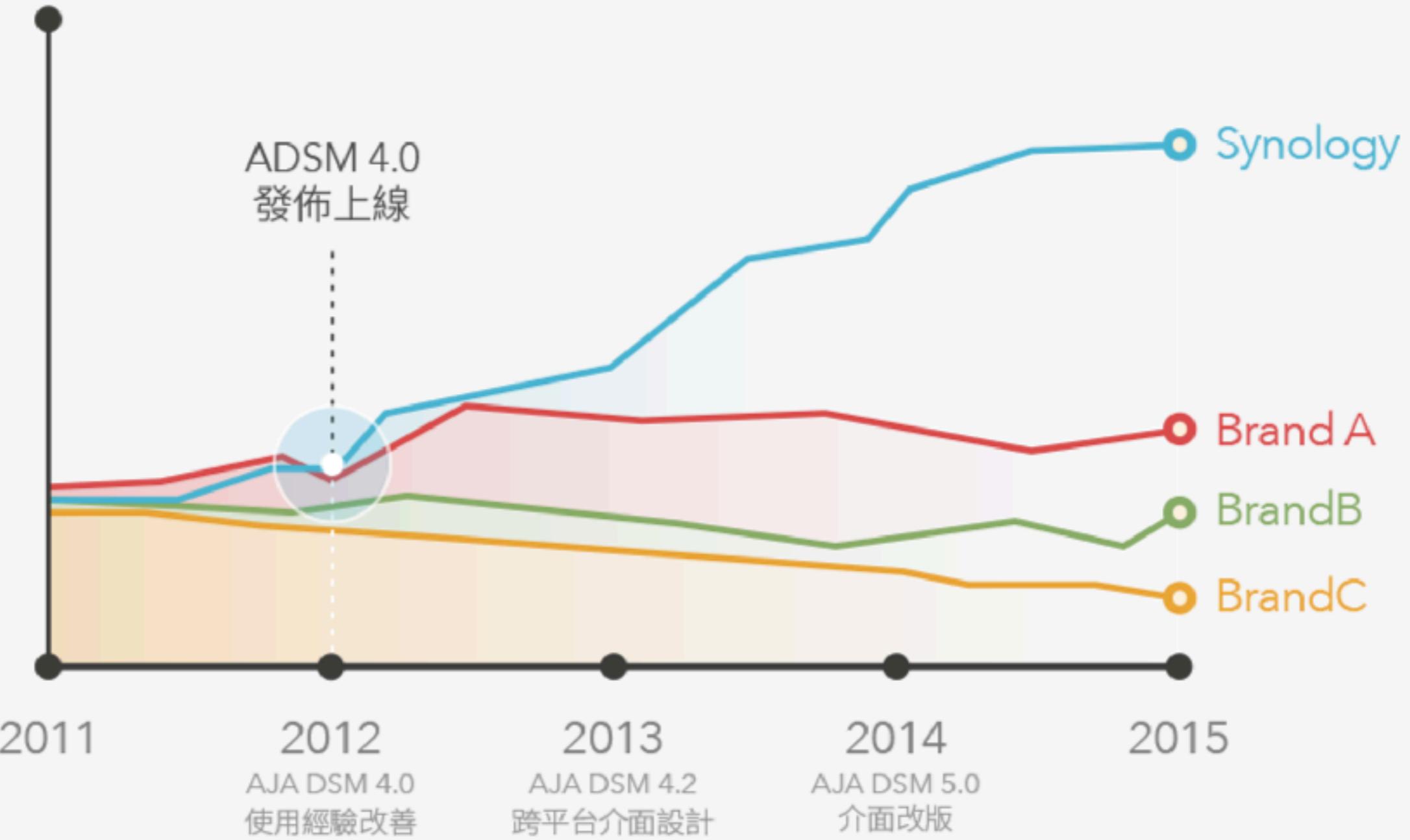
群暉科技，致力於重新定義網路儲存伺服器，帶來前所未有的效能及多樣用途，並提供嶄新的使用者介面、多工處理能力和客製化桌面的使用體驗，本次專案目標在 "新一代 DSM 作業系統的使用經驗優化"，透過設計創新尋找下一個世代作業系統的新功能與機會點。

Synology - Web OS for IT Management

Web-based operating system running on NAS systems.

GOOGLE TRENDS

網路聲量



Synology - Web OS for IT Management

Web-based operating system running on NAS systems.

以使用者為中心的 NAS，跨越不只一步

群暉與 AJA 合作的經歷，不僅給予我們技術上的支援與教育訓練，設計的一切發現都是以使用者的角度出發，從一般消費者到小型企業主在商務上遇到的問題與需求，透過訪談，數據與論壇裡的各種需求加以分析與討論，探索每一個可以發展創新的線索。

“設計的核心是從訊息裡找出亮點，轉化為每一個解決問題的方法。”

- | 延伸原有的桌面使用經驗，提升個人化的設定範圍，讓整體使用環境更富個人風格
- | 打破原有基本欄位架構，簡化細節讓資訊以最簡單且流暢的方式呈現
- | 為不同的使用者打造符合需求的使用環境
- | 以使用者最熟悉的型態，把最重要資訊即時呈現，徹底貼近使用



Synology - Web OS for IT Management

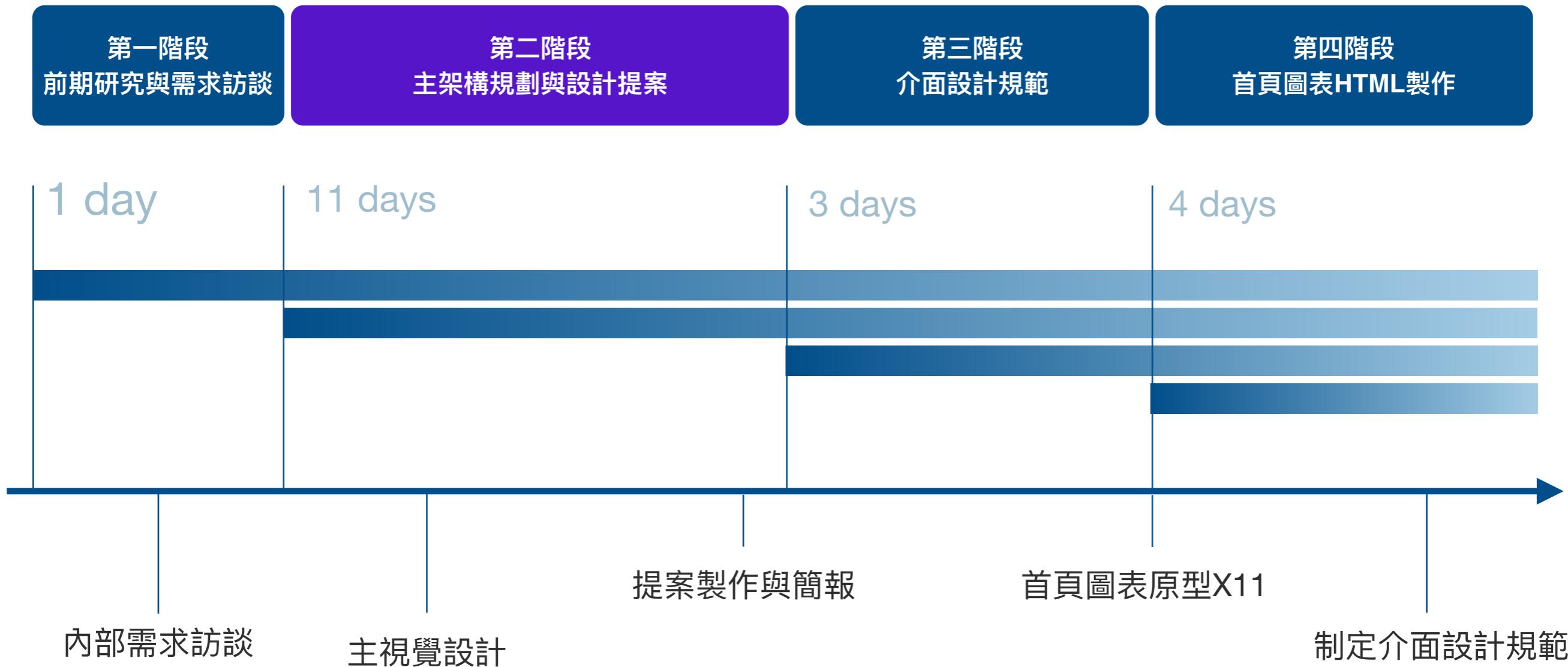
Web-based operating system running on NAS systems.



02 Design Process

研究方法與時程

innodisk iCAP - UX/UI 設計案



Design Process

敏捷式設計流程，收集訊息與創意發想，找出iCAP的獨特性



03 Project Goal

Original iCAP - Function driven

從現況開始，從功能導向到使用者導向的設計邏輯

The screenshot displays the original iCAP interface, which is function-driven and user-oriented. It features several panels:

- Operating System**: Shows a donut chart with Windows: 14 and Linux: 11.
- Storage monitor**: Displays two sections: Temperature (25 green, 2 red) and Lifespan (23 green, 0 red).
- Event Log**: Lists three entries from 'inno-surveillance' dated 2017-06-01 at 03:14:52, 03:13:52, and 03:12:52, all related to 'Storage' and 'Temperature over threshold, value: 68 °C'.
- Storage Health**: A bar chart showing storage health levels across multiple devices.
- Device Layout**: A map-like view of device locations.
- Storage Lifespan**: A bar chart showing storage lifespan values.
- Device Status**: A summary of device status with counts for Online (1) and Offline (24).

Current issues:

- 重複的資訊呈列 (Repetitive information presentation)
- 功能為主的使用情境 (Function-driven usage scenario)
- 少了關聯性的操作 (Lack of associative operations)
- 無法明確得知問題現況 (Cannot clearly know the problem status)
- 少了提醒與後續的處理動作 (Lack of reminders and follow-up handling actions)

“聚焦在用戶在意的資訊與需求”

Design Goal

數據匯流打造跨界的雲端工業電腦應用

彈性

客製化
製

彈性大
復測項目

不同需求
需求弹性配置

Flexible

彈性擴充

Customized

個人化運用

對症下藥

清楚的 log.

快速解決
問題

掌握現況

預先得知機
器可能的 issue

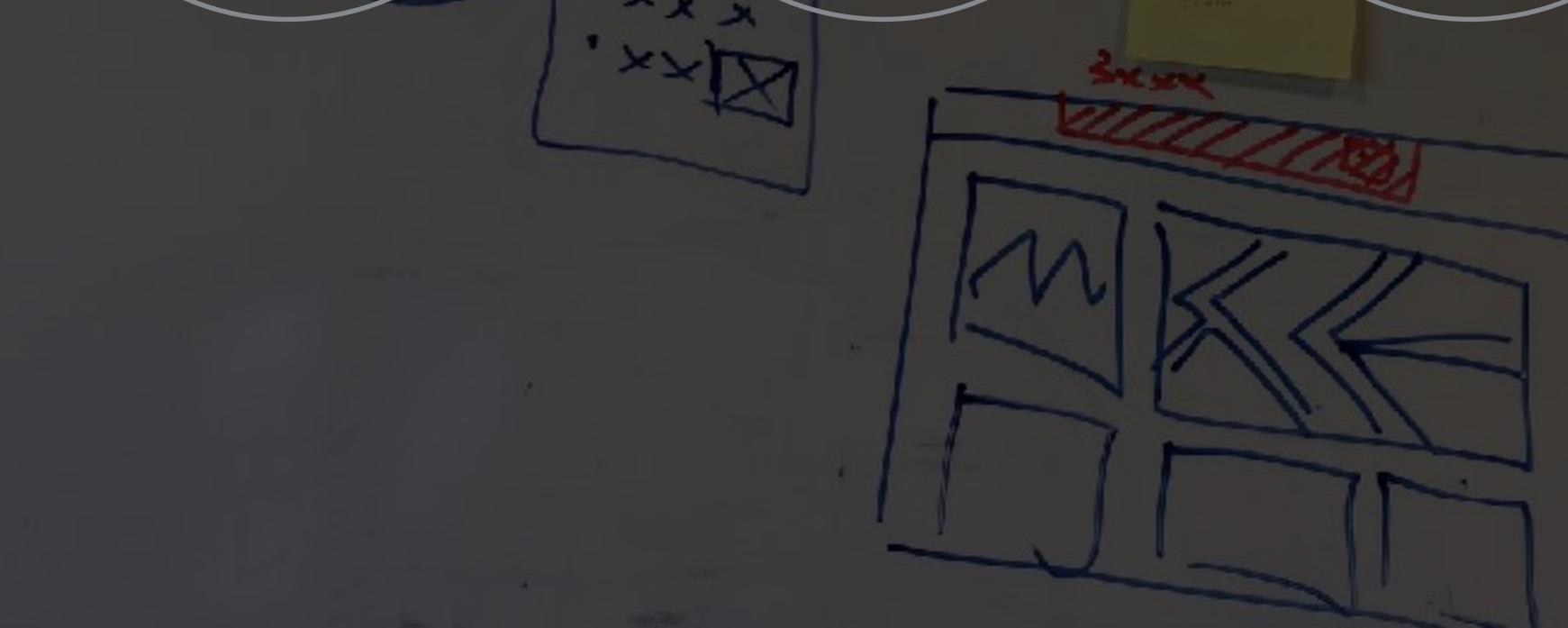
快速發現有
問題的機器

Overview

綜觀全局

Recommend

關鍵下一步



Design Goal

數據匯流打造跨界的雲端工業電腦應用

彈性

客製化
製

衍展性大
復測項目

不同種複小
需求彈性配置

Flexible

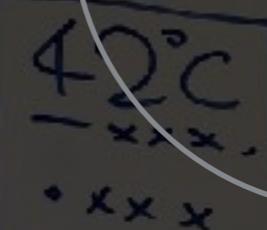
彈性擴充



兼顧跨領域使用彈性
可衍展性架構
考量各種環境與情境

Customized

個人化運用



個人化的登入情境
主管/員工的流程串連

Overview

綜觀全局



快速掌握現況
預測未來事件
行事曆提醒
強化資訊內容

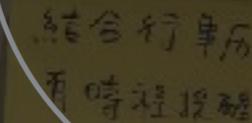
掌握現況

預先得知機
器可能的問題

快速發現有
問題的機器

Recommend

關鍵下一步



快速找出問題點
即時性的處理建議
統整過往紀錄

04 UX Proposals

01 掌握先機

Smarter than you think

“高效的個人化工作管理夥伴”

Visual Concept

Efficient

Simplicity

Flexible

- 梳理資訊及效率優先

- 綜觀全局減少步驟
- 專業熱情的品牌形象

- 高度自由化的介面

我們是高可朔性及高個人化的工業管理網站

Smart than we think

Dashboard 1 Dashboard 2 + Add Edit Widget

iCAP

Edward Picone

Operation

ONLINE 104 OFFLINE 1

Lifespan

< 20KHR 10% (13 Devices)

ROOM05 Environment

TEMPERATURE 70°C HUMIDITY 60%

Temperature

ROOM01 ROOM02 ROOM03

Time	ROOM01	ROOM02	ROOM03
12:00	55	45	48
1:00	48	42	45
2:00	50	48	50
3:00	52	45	52
4:00	54	44	48
Now	56	46	49

Device Layout

WARNING 1 TOTAL 104

Calendar

Monday 20

Innos20 needs to do maintaine
Innos10 needs to do lifespan replacement

Chamber A Machine Tool

STATUS Error

HUMIDITY 50% TEMPERATURE 74°C

Chamber B Machine Tool

STATUS Operating

HUMIDITY 50% TEMPERATURE 67°C

Color 用色準則

Category	Color	Description
New Issue	#FF0000	Red
In Progress	#16272E	Dark Teal
Completed	#5E676C	Grey
TIME	#DDE2E6	Cyan
DEVICE	#148E8D	Light Cyan
DETAIL	#FFFFFF	White

此版本選用品牌CI色系，添加藍綠色為輔色增加資訊對比，方便閱讀，表現專業有活力的形象。

#FF0000 #16272E #5E676C #DDE2E6 #148E8D #FFFFFF



Edward Picone

Dashboard 1

Dashboard 2

+ Add

Edit Widget



Home



Device



Anaylsis



Remote



10

Operation



ONLINE

104

OFFLINE

1

Lifespan



< 20KHR

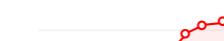
10 %

(13 Devices)

ROOM05 Environment

TEMPERATURE

70 °C



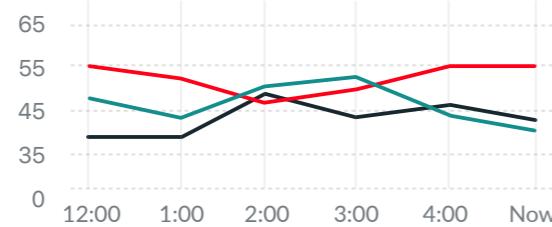
HUMIDITY

60 %

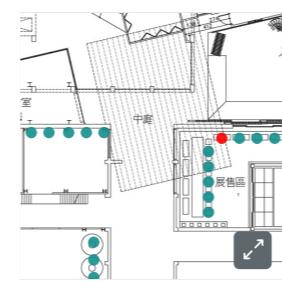


Temperature

ROOM01 ROOM02 ROOM03



Device Layout



WARNING

1

TOTAL

104

Calendar

[View More](#)

Monday

20

- Innos20 needs to do maintenance
- Innos10 needs to do lifespan replacement

Chamber A
Machine Tool



STATUS

Error

HUMIDITY

50%

TEMPERATURE

74°C

Chamber B
Machine Tool



STATUS

Operating

HUMIDITY

50%

TEMPERATURE

67°C

Add More

New Issue (2)

In Progress

Completed (2)

TIME	DEVICE	DETAIL	OWNER	ACTION	NOTE
2017/08/25 21:30	RPx001xA	The temperature is above 65°C	Ethan Adam	Solve	
2017/08/25 21:30	RPx001xA	The lifespan is lower than 40hours	Ethan Adam	Solve	

膺市齋齋清楚照鏡輕鬆審覈顯局處趨應資訊

V2. 掌握先機



MacBook

高可朔性，依照使用者習慣顯示相對應資訊

V2. 掌握先機

機想輩態鈞姻塵靈脈翻優先知道的！

ONLINE
104

OFFLINE
1

99%

Lifespan

< 200HR
10%
(13 Devices)

ROOM05 Environment

TEMPERATURE
70°C

HUMIDITY
60%

Device Layout

WARNING
1

TOTAL
104

Chamber A Machine Tool

STATUS
Error

HUMIDITY
50%

TEMPERATURE
74°C

Calendar

Monday
20

- Innos20 needs to do maintenance
- Innos10 needs to do lifespan replacement

New Issue (2)	In Progress	Completed (2)			
TIME	DEVICE	DETAIL	OWNER	ACTION	NOTE
2017/08/25 21:30	RPx001xA	The temperature is above 65°C	Ethan Adam	Solve	
2017/08/25 21:30	RPx001xA	The lifespan is lower than 40hours	Ethan Adam	Solve	

Highly Personalize

每種層級的使用者都能依自己關切的資訊依依作調整、顯示。

好用、高效率的事件處理流程

V2. 掌握先機

The image shows a mobile application interface with a dark theme. At the top, there are tabs for "Dashboard 1" and "Dashboard 2", a "+ Add" button, and an "Edit Widget" option. Below the tabs, there's a section for "Operation" showing a red circular progress bar at 99%, "ONLINE" status with 104 devices, and "OFFLINE" status with 1 device. There's also a "Lifespan" pie chart and a "ROOM05 Environment" section displaying "TEMPERATURE" at 70°C and "HUMIDITY" at 60%.

A modal window titled "Events Detail" is open in the foreground. It lists "Equipment Owner" information for two users: Ethan Adams (Attendance) and Robert Ross (Absent). It also has a section for "Update your Note" with a placeholder image of a man in a blue jacket.

To the right of the main screen, a large yellow-bordered callout box highlights a "Temperature Issue" alert. The alert shows a red value of 78°C with a photo of two people. It states: "The temperature of Chamber A is higher than the set temperature (65°C). It might be the factors below caused the temperature issue:" followed by two numbered points. Below this, it says: "Below are 2 solutions might solve this issue:" with two more numbered points. At the bottom of the callout are "Cancel" and "Solve it" buttons.

重大資訊不落掉

V2. 掌握先機

The temperature of Chamber A is higher than normal temperature.

Edward Picone

Home

Device

Anaylsis

Remote

History Log 10

Dashboard 1 Dashboard 2 + Add Edit Widget

Operation

Lifespan

ROOM05 Environment

Temperature

Device Layout

Calendar

Chamber A Machine Tool

Chamber B Machine Tool

New Issue (2)

In Progress

Completed (2)

TIME DEVICE DETAIL OWNER ACTION NOTE

2017/08/25 21:30 RPx001xA The temperature is above 65°C Ethan Adam Solve

2017/08/25 21:30 RPx001xA The temperature is above 65°C Ethan Adam Solve

Alert

系統會自動判斷資訊層級，給予不同的狀態alert

MacBook

02 專業管理

Better Management



“專業可信賴的管理夥伴”

Visual Concept

Reliable

Professional

Friendly

- 智能的產品形象

- 內容優先的準則
- 資訊視覺化的設計

- 以使用者為中心的思維

全局思考，從全貌到微觀的資訊架構，傳遞專業可信賴

V1. 專業管理員

The dashboard displays the following data:

Overview

TEEP / YEAR	TOP 5 MACHINE'S OEE	THAILAND
104 Target	514 Current	514 Current

PRODUCTION LINE KPI

Production Line	KPI Value	KPI vs Target	Target Value	Target
Production Line01	313.3K		244.4K	128.3%
Production Line01	9.9K		7.0K	104.9%
Production Line01	80.9K		106.3K	76.2%

Factory A2

CHAMBER A Machine Tool	CHAMBER B Machine Tool	CHAMBER C Machine Tool	CHAMBER D Machine Tool
OPERATING TEMPERATURE 74°C	OPERATING TEMPERATURE 58°C	OPERATING TEMPERATURE 58°C	OPERATING TEMPERATURE 58°C

Color 用色準則

此版本選用品牌的顏色，紅 & 深藍 & 灰藍
打造出專業、可信賴的形象

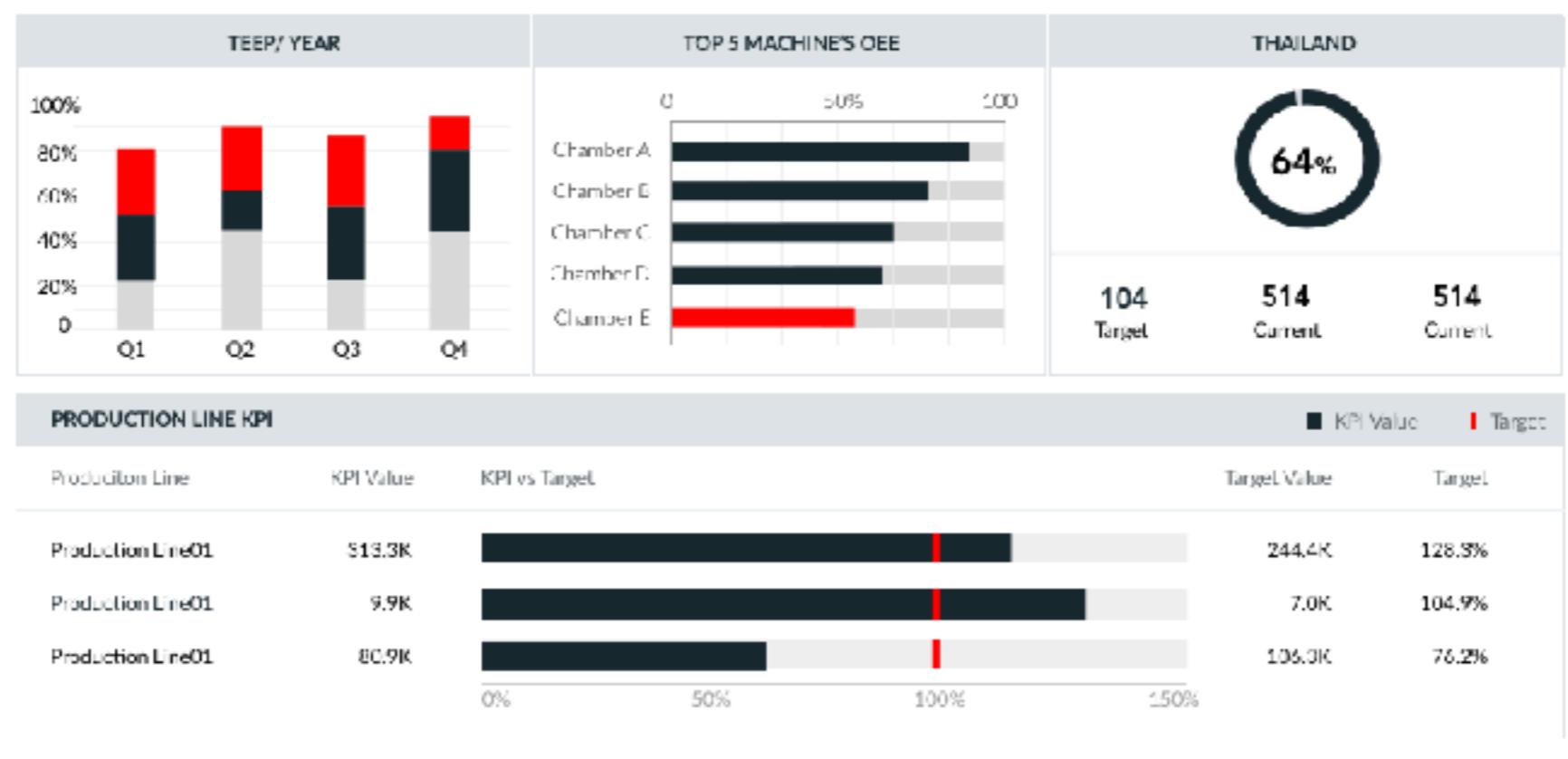
Color Name	Hex Code
Red	#FF0000
Dark Blue	#16272E
Light Gray	#EEEEEE
Black	#000000
White	#FFFFFF



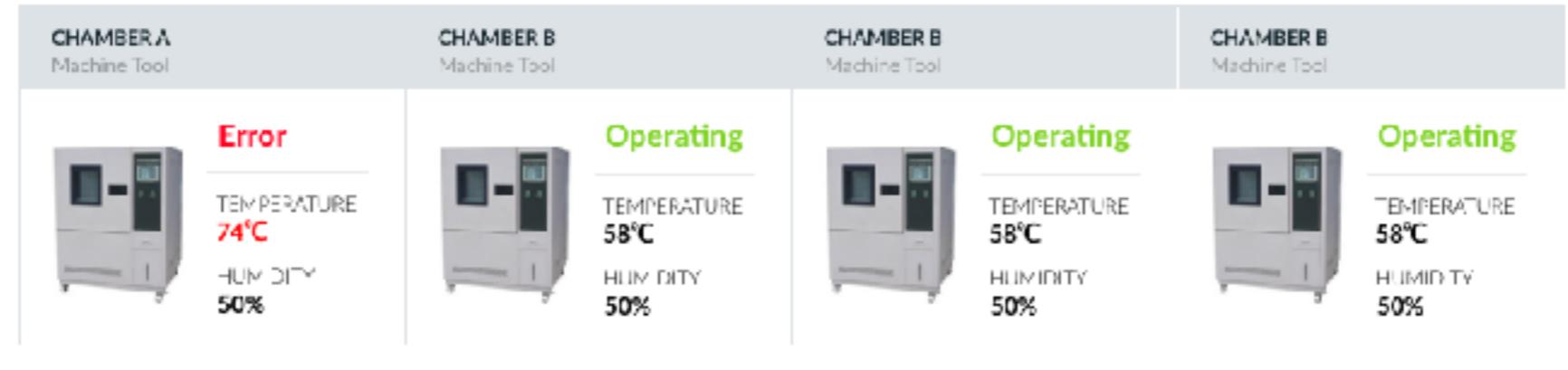
Welcome back, Edward!

You have 4 new notifications since last logged in, please check history log for detail info!

■ Overview

+ | W


■ Factory A2

+ | W


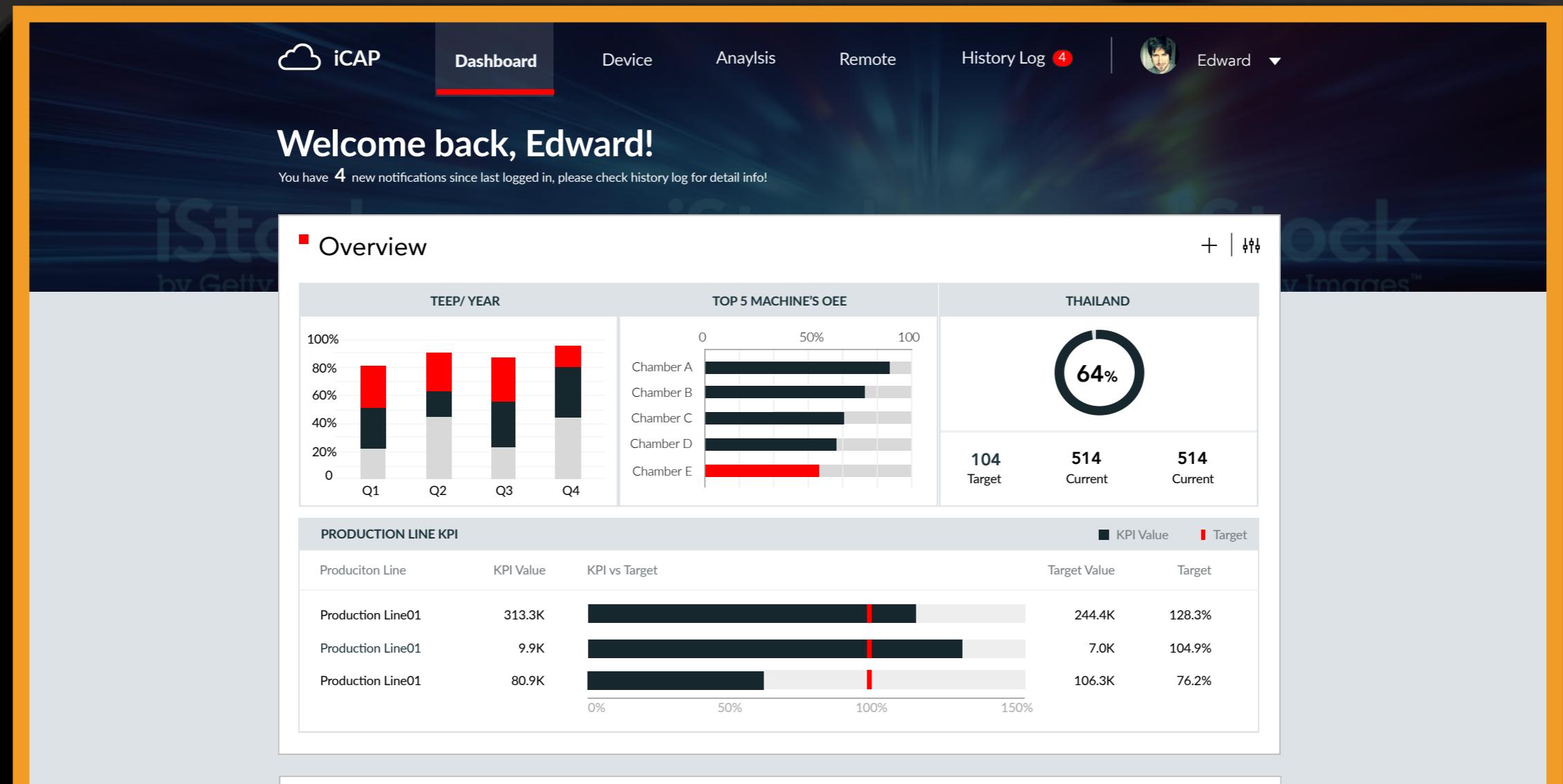
■ Device Status

Search device ID

Search

掌握20/80法則，因應跨領域需求的資訊架構

V1. 專業管理員



資訊簡化

第一屏幕看到最重要的資訊

提綱契領，與用戶溝通最重要的訊息

V1. 專業管理員

The screenshot shows a professional management dashboard titled "iCAP". The top navigation bar includes "Dashboard" (which is selected), "Device", "Analysis", "Remote", "History Log (4)", and a user profile for "Edward". A welcome message "Welcome back, Edward!" is displayed, along with a notification count of 4. The main content area is divided into sections: "Overview" and "Factory A2". The "Overview" section contains four cards: "OPERATION" (99%, 104 Online, 1 Offline, 20 Error), "LIFESPAN" (48%, 45%, 20%), "MACHINE RPM" (99 Normal, 6 Error), and "2016 MACHINE TEEP" (Q1, Q2, Q3, Q4). Below this is a "PRODUCTION LINE KPI" table:

Production Line	KPI Value	KPI vs Target	Target Value	Target
Production Line01	313.3K	<div style="width: 128.3%;"></div>	244.4K	128.3%
Production Line01	9.9K	<div style="width: 104.9%;"></div>	7.0K	104.9%
Production Line01	80.9K	<div style="width: 76.2%;"></div>	106.3K	76.2%

The "Factory A2" section shows four machine tool chambers: CHAMBER A (Machine Tool), CHAMBER B (Machine Tool), CHAMBER B (Machine Tool), and CHAMBER B (Machine Tool). The first chamber shows a temperature of 74°C, while the others show 58°C. The overall theme is "User Friendly" and "多一點的溫度" (More warmth).

多一點的溫度、User Friendly
歡迎話語，並自動偵測上次登入時間，通知您有新訊息

掌握全貌，協助用戶理解資訊

V1. 專業管理員

Dashboard Device Analysis Remote History Log 1 Edward

Welcome back, Edward!

You have 4 new notifications since last logged in, please check history log for detail info!

Overview

TEEP/YEAR		TOP 5 MACHINE'S OEE		THAILAND	
	Q1		Chamber A		64%
	Q2		Chamber B	104	Target
	Q3		Chamber C	514	Current
	Q4		Chamber D	514	Current
			Chamber E		

PRODUCTION LINE KPI

Production Line	KPI Value	KPI vs Target	Target Value	Target
Production Line01	313.3K		244.4K	128.3%
Production Line01	9.9K		7.0K	104.9%
Production Line01	80.9K		106.3K	76.2%

Factory A2

CHAMBER A Machine Tool	CHAMBER B Machine Tool	CHAMBER B Machine Tool	CHAMBER B Machine Tool
TEMPERATURE 74°C	Operating	Operating	Operating
MACBOOK	58°C	58°C	58°C

資訊視覺化、客製化總覽

有效運用版面配置與顏色凸顯重要資訊，客製化總覽做有效率的閱讀

彈性調整，因應多元使用場景

V1. 專業管理員

The screenshot displays the iCAP software interface, specifically the 'Dashboard' section. At the top, there are navigation tabs: 'Dashboard' (which is selected), 'Device', 'Analysis', 'Remote', and 'History Log'. A user profile for 'Edward' is shown on the right.

The main area features a 'Welcome back, Edward!' message and a notification count of 4. Below this, there's an 'Overview' section containing several charts:

- A bar chart titled 'TEEP/YEAR' showing data for Q1, Q2, Q3, and Q4.
- A horizontal bar chart titled 'TOP 5 MACHINE'S OEE' comparing Chamber A through Chamber E.
- A circular gauge chart for 'THAILAND' showing a value of 64%.
- A table titled 'PRODUCTION LINE KPI' listing three production lines with their current values and target percentages.

A large orange circle highlights the 'THAILAND' gauge chart. Below the overview, there's another section titled 'Factory A2' with four sub-sections labeled 'CHAMBER A', 'CHAMBER B', 'CHAMBER B', and 'CHAMBER B', each showing machine tool status and temperature data.

新增編輯功能
讓用戶只掌握自己想知道的資訊

個人化設定的標籤功能

V1. 專業管理員

The screenshot displays a factory management dashboard with a dark theme. At the top, there is a navigation bar with icons for Dashboard, Device, Analysis, Remote, History Log (with 1 notification), and a user profile for Edward. Below the navigation bar, a welcome message says "Welcome back, Edward!" and indicates 4 new notifications since last login.

The main content area features a section titled "Factory A2" with four machine tool cards:

CHAMBER A Machine Tool	CHAMBER B Machine Tool	CHAMBER B Machine Tool	CHAMBER B Machine Tool
 Error TEMPERATURE 74°C HUMIDITY 50%	 Operating TEMPERATURE 58°C HUMIDITY 50%	 Operating TEMPERATURE 58°C HUMIDITY 50%	 Operating TEMPERATURE 58°C HUMIDITY 50%

Below this section is a table comparing production line KPIs against targets:

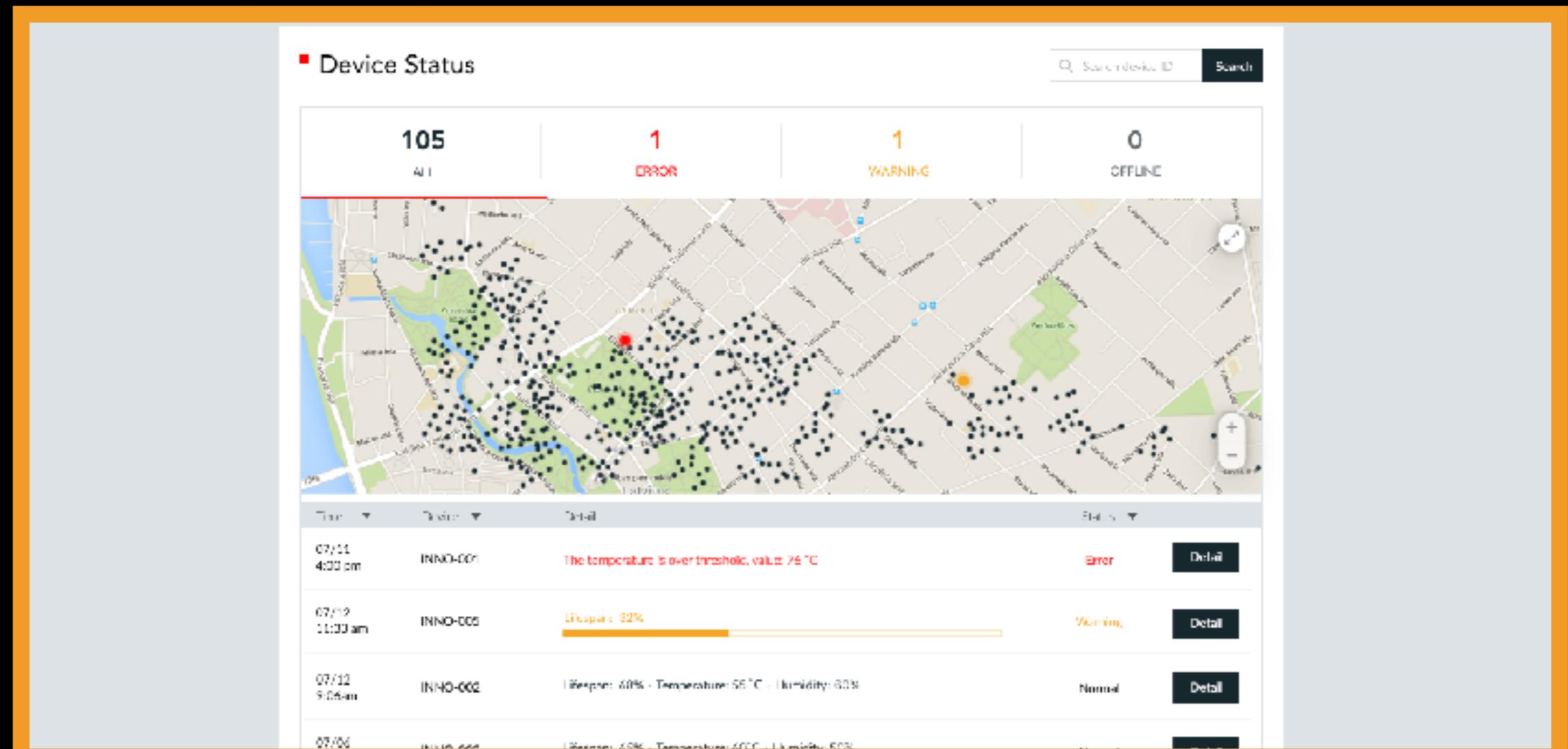
Production Line	KPI Value	KPI vs Target	Target Value	Target
Production Line01	313.3K	<div style="width: 128.3%;"><div style="background-color: #333; width: 100%; height: 10px;"></div><div style="background-color: #ccc; width: 100%; height: 10px;"></div></div>	244.4K	128.3%
Production Line01	9.9K	<div style="width: 104.9%;"><div style="background-color: #333; width: 100%; height: 10px;"></div><div style="background-color: #ccc; width: 100%; height: 10px;"></div></div>	7.0K	104.9%
Production Line01	80.9K	<div style="width: 76.2%;"><div style="background-color: #333; width: 100%; height: 10px;"></div><div style="background-color: #ccc; width: 100%; height: 10px;"></div></div>	106.3K	76.2%

At the bottom of the dashboard, there is another section titled "Factory A2" which is partially visible. The overall interface includes a "MacBook" watermark at the bottom.

標籤特定機台
可關注某地區特定幾台機器的資訊

有效利用地圖方式，掌握機器資訊

V1. 專業管理員



Event log 整合、經緯度自動產生

快速辨別機器的地點，掌握每一台機器的運作

有效利用地圖方式，掌握機器資訊

V1. 專業管理員

■ Device Status

105
All
1
ERROR
1
WARNING
0
OFFLINE

INNO-001
LOCATED: A05

Time	Device	Message	Status	Action
07/11 4:00 pm	INNO-001	The temperature is over threshold, value: 26°C	Error	Detail
07/12 11:00 am	INNO-005	Lifespan: 62%	Warning	Detail
07/12 9:00 am	INNO-002	Lifespan: 60% - Temperature: 55°C - Humidity: 60%	Normal	Detail
07/06	INNO-004	Lifespan: 60% - Temperature: 50°C - Humidity: 50%	Normal	Detail

■ Factory A2

CHAMBER A Machine Tool	CHAMBER B Machine Tool	CHAMBER B Machine Tool	CHAMBER B Machine Tool
Error TEMPERATURE 74°C	Operating TEMPERATURE 58°C	Operating TEMPERATURE 58°C	Operating TEMPERATURE 58°C

點擊圖標，可看對應的地址資訊

有效利用地圖方式，掌握機器資訊

V1. 專業管理員

■ Device Status

105 ALL 1 ERROR 1 WARNING 0 OFFLINE

INNO-001 LOCATED: A05

Temperature Issue
78°C

Inno-001's temperature is higher than normal temperature (65°C). It might be the factors below that caused the temperature issue:

1. The CPU fan RPM is less than 20%.
2. The temperature in A05 Room is higher.

Below are 2 solutions might solve this issue:

1. Ensure A05 Room's temperature is lower than 13°C.
2. Replace inno-001's CPU fan.

Cancel Solve it

■ Factory A2

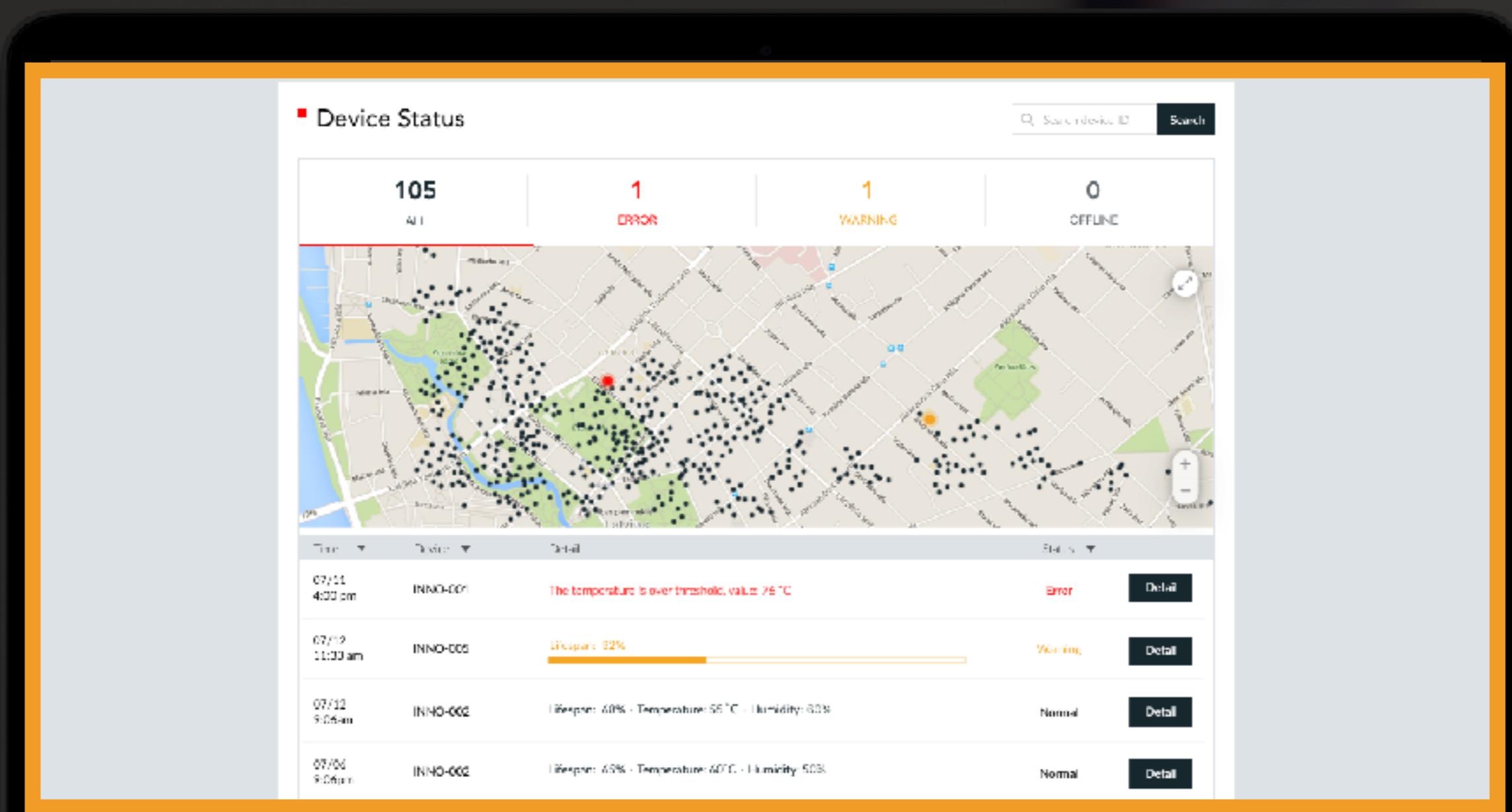
CHAMBER A Machine Tool	CHAMBER B Machine Tool	CHAMBER B Machine Tool	CHAMBER B Machine Tool
Error TEMPERATURE 74°C	Operating TEMPERATURE 58°C	Operating TEMPERATURE 58°C	Operating TEMPERATURE 58°C

地圖功能

專業的評估和建議，幫助用戶解決問題

有效利用地圖方式，掌握機器資訊

V1. 專業管理員



有效率的搜尋

■ Storage Lifespan

Search搜尋特定機器

MacBook

展現技術優勢，提供關鍵下一步的建議

V1. 專業管理員

07/12
9:04 am INNO-002 Lifespan: 60% - Temperature: 55 °C - Humidity: 60% Normal Detail

07/06
9:06 pm INNO-002 Lifespan: 65% - Temperature: 60°C - Humidity: 50% Normal Detail

07/06
9:05 pm INNO-002 Lifespan: 68% - Temperature: 50°C - Humidity: 45% Normal Detail

1 2 3 4 ⋯ 11 > >>

■ Storage Lifespan

Search device ID Search

INNO-001

SOFTWARE: A18937
LOCATION: Huston Factory A05
LIFESPAN: 45hrs
MODEL: Machine Tool
OWNER: Ethan Adams

0 12K 24K 36K 48K 60K 72K 84K

07/06
9:05 pm INNO-002 Lifespan: 68% - Temperature: 50°C - Humidity: 45% Normal Detail

1 2 3 4 ⋯ 11 > >>

智慧化排序、快速調整警戒數值
顯示警訊資訊，alert數值方便調整

MacBook

兩版比較

V1.高效的個人化工作管理夥伴

A mobile device screen displaying a personalized dashboard for Edward Picone. The dashboard includes:

- Dashboard 1**: Shows a large circular progress bar at 99%, a pie chart for Lifespan (10%), and a graph for ROOM05 Environment (Temperature 70°C, Humidity 60%).
- Device Layout**: A map showing three rooms (ROOM01, ROOM02, ROOM03) with device icons.
- Calendar**: Shows Monday 20 with a note: "Innos20 needs to do maintenance".
- Chamber A & B**: Status: Chamber A (Error, 50% H, 74°C T), Chamber B (Operating, 50% H, 67°C T).
- History Log**: 2 new issues (TIME: 2017/08/25 21:30, DEVICE: RPx001xA, DETAIL: The temperature is above 65°C).

The sidebar menu includes: Home, Device, Analysis, Remote, and History Log (10).

V2.專業可信賴的管理夥伴

A mobile device screen displaying a professionalized dashboard for Edward. The dashboard includes:

- Welcome back, Edward!**: Message: "You have 4 new notifications since last logged in, please check history for detail info!"
- Overview**: Three charts: TEPPY YEAR (Q1-Q4), TOP 5 MACHINES OEE (Chamber A-E), and THAILAND (64%).
- PRODUCTION LINE KPI**: Production Line: KPI Value, KPI vs Target, Target Value, Target.
- Factory A2**: Status for CHAMBER A (Error, 74°C), CHAMBER B (Operating, 58°C), CHAMBER C (Operating, 58°C), and CHAMBER D (Operating, 58°C).

The top navigation bar includes: iCAP, Dashboard, Device, Analysis, Remote, History Log (1), and Edward.



Edward Picone

Dashboard 1

Dashboard 2

+ Add

Edit Widget



Home



Device



Anaylsis



Remote



History Log 10

Operation

ONLINE
104

OFFLINE
1

Lifespan

< 20KHR **10%**
(13 Devices)

ROOM05 Environment

TEMPERATURE
70°C

HUMIDITY
60%

Temperature

ROOM01 ROOM02 ROOM03

65
55
45
35
0

12:00 1:00 2:00 3:00 4:00 Now

Device Layout

WARNING **1**

TOTAL **104**

Calendar

Monday **20**

[View More](#)

- Innos20 needs to do maintenance
- Innos10 needs to do lifespan replacement

Chamber A
Machine Tool

STATUS: Error

HUMIDITY 50% TEMPERATURE 74°C

Chamber B
Machine Tool

STATUS: Operating

HUMIDITY 50% TEMPERATURE 67°C

New Issue (2)

In Progress

Completed (2)

TIME	DEVICE	DETAIL	OWNER	ACTION	NOTE
2017/08/25 21:30	RPx001xA	The temperature is above 65°C	Ethan Adam	Solve	
2017/08/25 21:30	RPx001xA	The lifespan is lower than 40hours	Ethan Adam	Solve	

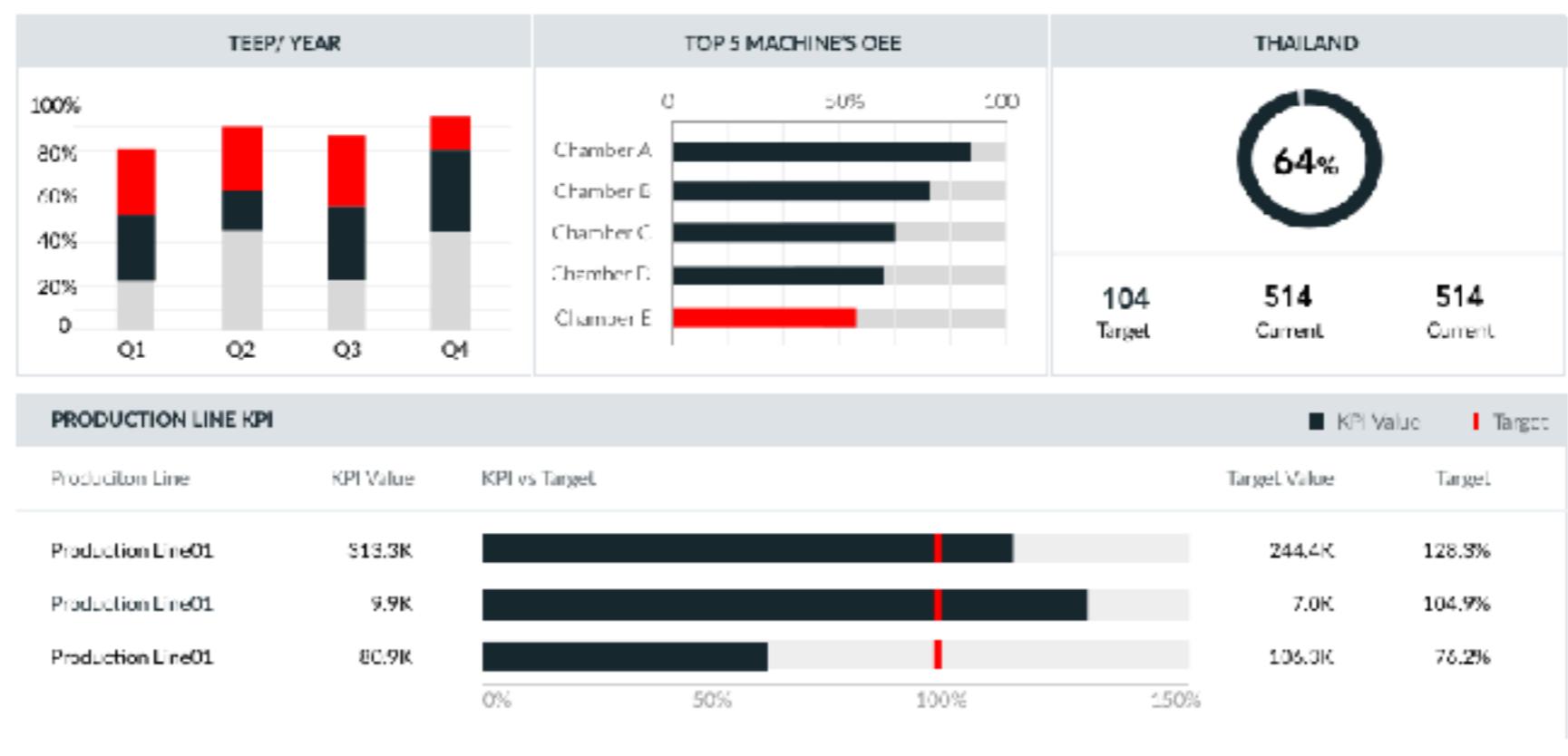
Add More



Welcome back, Edward!

You have 4 new notifications since last logged in, please check history log for detail info!

■ Overview

+ | W


■ Factory A2

+ | W


■ Device Status

Q Search device ID

Search

Original

V1. 高效的個人化工作管理夥伴

The image shows two MacBook screens side-by-side, each displaying a different version of a management dashboard. The left screen, labeled 'Original', has a dark grey header bar with tabs for 'Dashboard', 'Dashboard2', 'Device', 'Analysis', 'Remote', 'Setting', and a user profile for 'Edward'. The main area contains several cards: 'Operating System' (Windows: 14, Linux: 11), 'Storage monitor' (Temperature: 25, Lifespan: 23), 'Event Log' (inno-surveillance log entries), 'Storage Health' (90%+, 70%-, 50%-, 0%), 'Device Layout' (grid map of devices), 'Storage Lifespan' (bar chart showing storage lifespan for various units), and 'Device Status' (Online: 1, Offline: 24). The right screen, labeled 'V1.', has a similar header but with tabs for 'Dashboard 1' and 'Dashboard 2'. It features a more modern design with larger, rounded cards. Key elements include: 'Operation' (99% online, 1 offline), 'Lifespan' (10% of 13 devices), 'ROOM05 Environment' (Temperature: 70°C, Humidity: 60%), 'Temperature' (line chart for three rooms: ROOM01, ROOM02, ROOM03), 'Device Layout' (map with icons), 'Calendar' (Monday 20), 'Chamber A Machine Tool' (Error status, 50% humidity, 74°C temperature), 'Chamber B Machine Tool' (Operating status, 50% humidity, 67°C temperature), and a 'New Issue (2)' table. The table lists two issues from 2017/08/25 at 21:30: 'The temperature is above 65°C' for device RPx001xA.

Original

V2. 專業可信賴的管理夥伴

The image shows two MacBook screens side-by-side, each displaying a different version of a management dashboard. The left screen, labeled 'Original', has a dark grey header bar with various icons. The main area contains several cards: 'Operating System' (Windows: 14, Linux: 11), 'Storage monitor' (Temperature: 25, Lifespan: 23), 'Event Log' (with a list of surveillance events), 'Storage Health' (90%+, 70%-, 50%-, 50%-, 0%), 'Device Layout' (a map of a factory floor with icons for Vertical Application, Active, and Inactive areas), 'Storage Lifespan' (a bar chart showing storage lifespan values from 2,451 to 45,044), and 'Device Status' (Online: 1, Offline: 24). The right screen, labeled 'V2. 專業可信賴的管理夥伴', has a dark blue header bar with the 'iCAP' logo and user information. It features a 'Welcome back, Edward!' message and a 'History Log' button. The main area is divided into sections: 'Overview' (including a 'TEEPY YEAR' chart, 'TOP 5 MACHINES OEE' chart, and a 'THAILAND' circular progress bar at 64%), 'PRODUCTION LINE KPI' (a bar chart for Production Line 01 comparing KPI Value and Target), and 'Factory A2' (a grid of five machine tool status cards for Chamber A, Chamber B, Chamber C, Chamber D, and Chamber E, with one card showing an 'Error' status and another showing a 'TEMPERATURE 74°C' warning). Both dashboards are displayed on a light-colored surface.

05 Discussion

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