

# AVEVA Operations Control

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The background features a hand in a dark suit jacket pointing towards the right, overlaid on a faint line graph with an upward-trending arrow. The overall color palette is dark blue and teal. A white triangle is visible in the top-left corner, and a teal shape is in the bottom-right corner.

# 企業運營現況

# 運營管理



即時的



接近即時

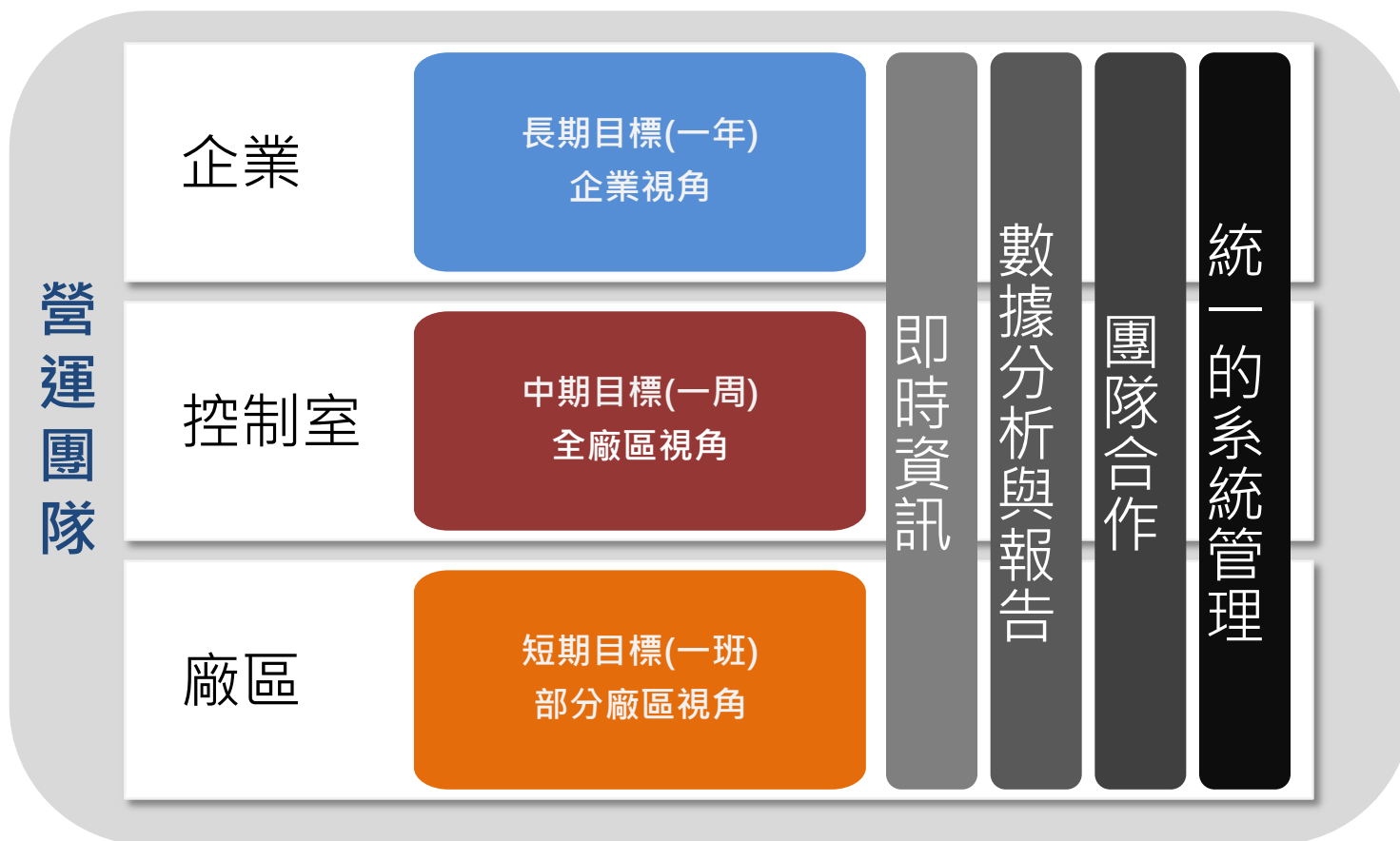


擴充靈活性	協作工具
關鍵績效指標	趨勢
製程訊息	Historian

LIMS	排程
能源	MES
儀表板	預測分析
3D模型	手持方案
操作員培訓	工作流程
擴充靈活性	協作工具
關鍵績效指標	趨勢
製程訊息	Historian

財務	供應鏈
能源	ERP
儀表板	預測分析
3D模型	
	工作流程
	協作工具
關鍵績效指標	趨勢
製程訊息	數據建模

# 運營團隊各角色合作



- 企業視角: IT/OT資訊匯集
- 全廠視角: OT資訊匯集
- 現場視角: 控制訊息匯集

## 各團隊訊息共享

- 提高工作效率
- 資訊可靠性
- 系統靈活性

# 數位化轉型

企業級  
- Enterprise

智慧中心



遠端運營中心



臨時訪客



工廠級  
- Supervisory

控制室



車間操作室



行動裝置



現場級  
- Edge

操作面板



行動裝置介面



工作站



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# AOC 方案說明

# AOC方案

3 個核心方案

## Edge(邊緣)

人機介面 AVEVA InTouch HMI

工業物聯網 AVEVA Edge

## Supervisory(監管)

營運控制整合平台 AVEVA System Platform\*

高級控制 AVEVA Plant SCADA

## Enterprise(企業)

企業視覺化  
AVEVA Unified Operations Center (UOC)

包含在每個核心方案

## 共有內容

設備通訊  
AVEVA Communication Drivers

團隊技能 / 訓練  
AVEVA Teamwork

報告  
AVEVA Reports for Operations

資料分析  
AVEVA Insight

系統監視  
AVEVA System Monitor

系統開發  
AVEVA Integration Studio

擴展核心功能方案

## 附加選購：製造執行

配方  
AVEVA Recipe Management

精實生產  
AVEVA Discrete Lean Management

製造執行  
AVEVA MES

批次  
AVEVA Batch Management

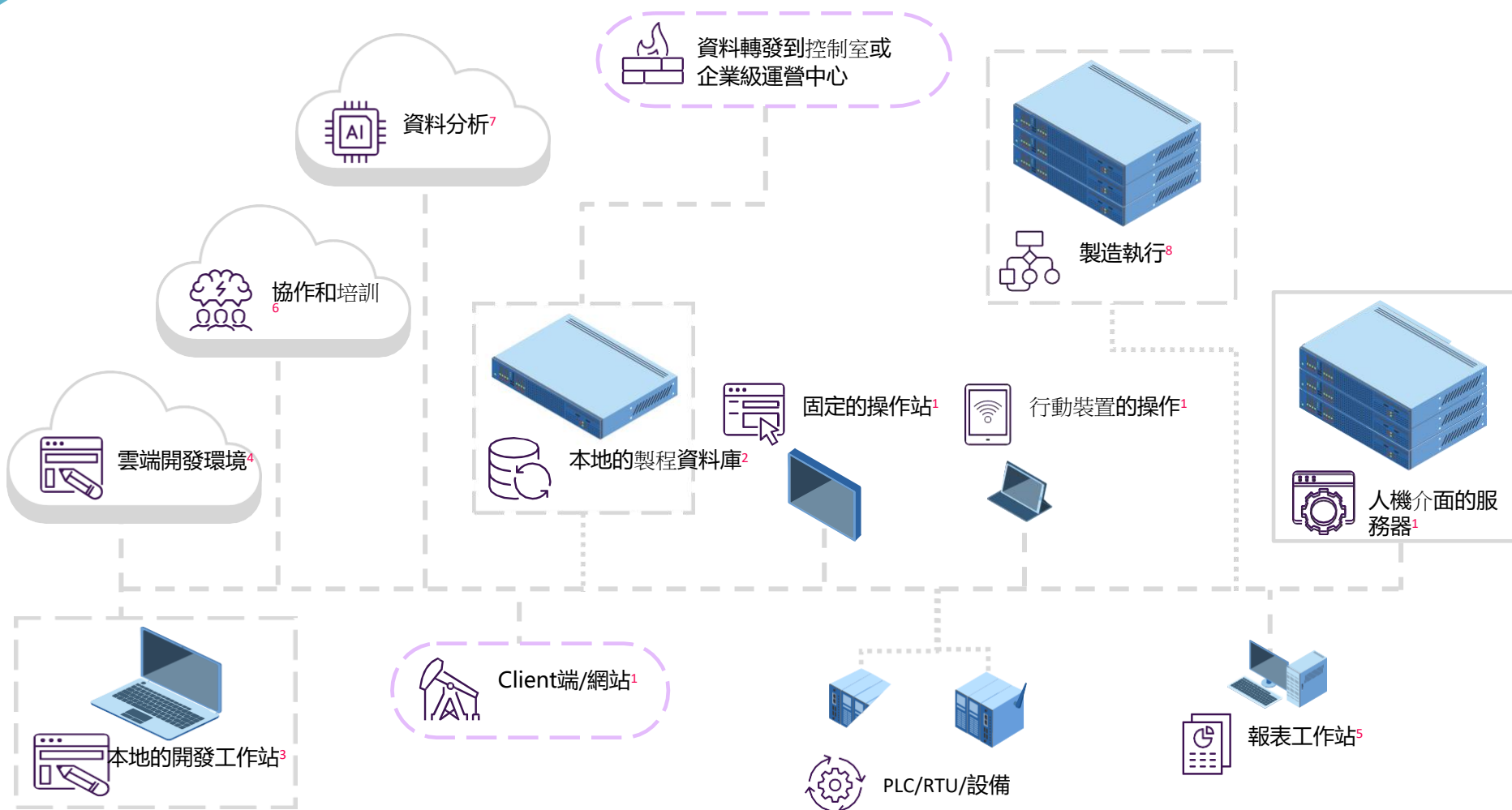
工作流程  
AVEVA Work Tasks

## 附加選購 AVEVA Insight, Guided Analytics

引導式分析  
AVEVA Insight, Guided Analytics



# 參考架構 - Edge

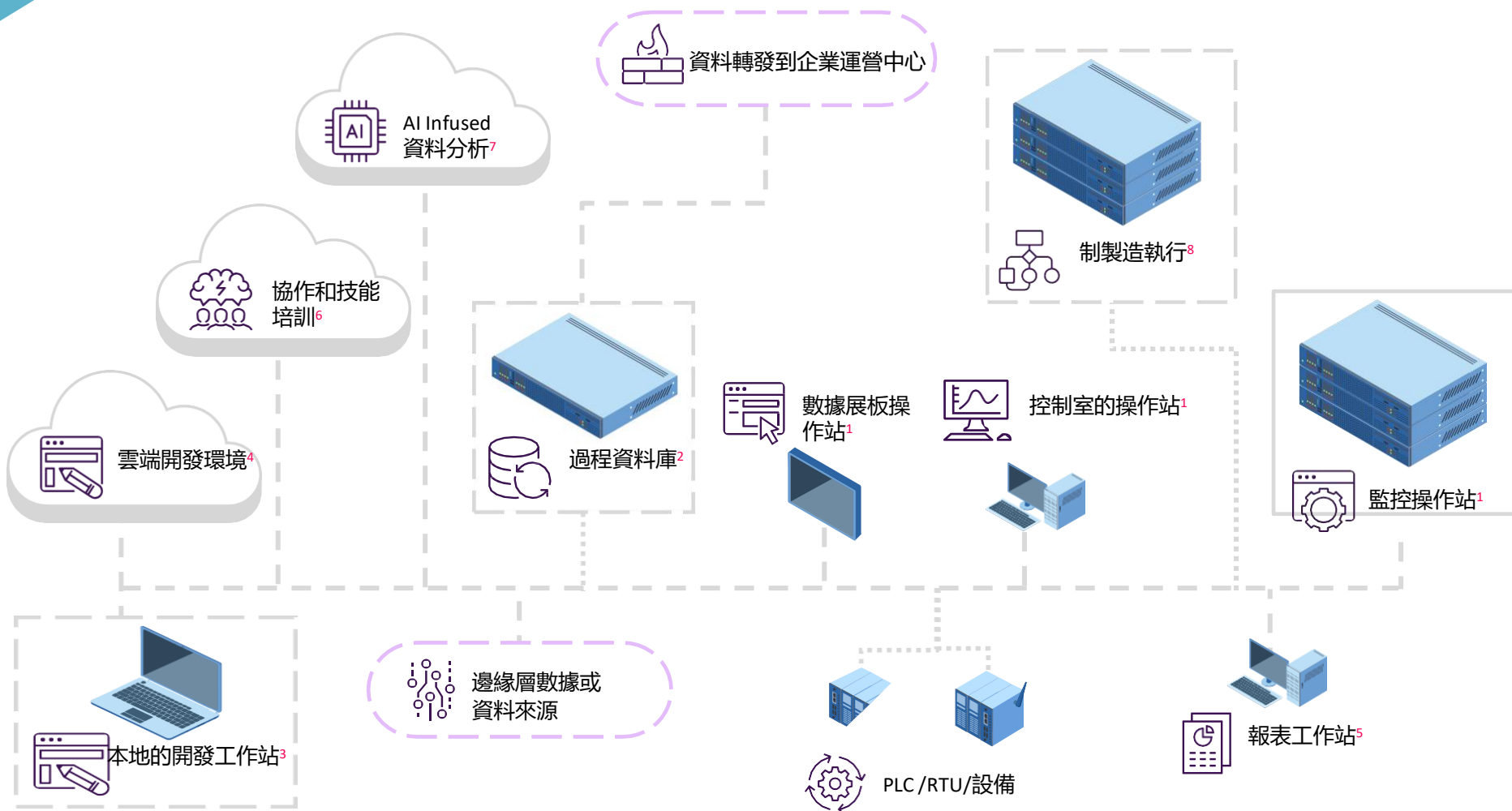


## AVEVA 提供的應用軟體

AVEVA Operations Control - Edge

1. 應用包 - AVEVA InTouch or AVEVA Edge
  - + AVEVA Communication Drivers
  - + AVEVA System Monitor
  - + AVEVA Historian Client
2. 數據庫 - AVEVA Historian, Local Edition
3. 應用開發 - AVEVA Development Studio
4. 雲端開發 - AVEVA Integration Studio
5. 報表 - AVEVA Reports for Operations
6. 員工協作 - AVEVA Teamwork
7. 資料分析 - AVEVA Insight
  - + [選項] AVEVA Insight, Guided Analytics
8. [選項] AVEVA Discrete Lean Management
  - + AVEVA Batch Management
  - + AVEVA Recipe Management
  - + AVEVA Work Tasks

# 參考架構 - Supervisory

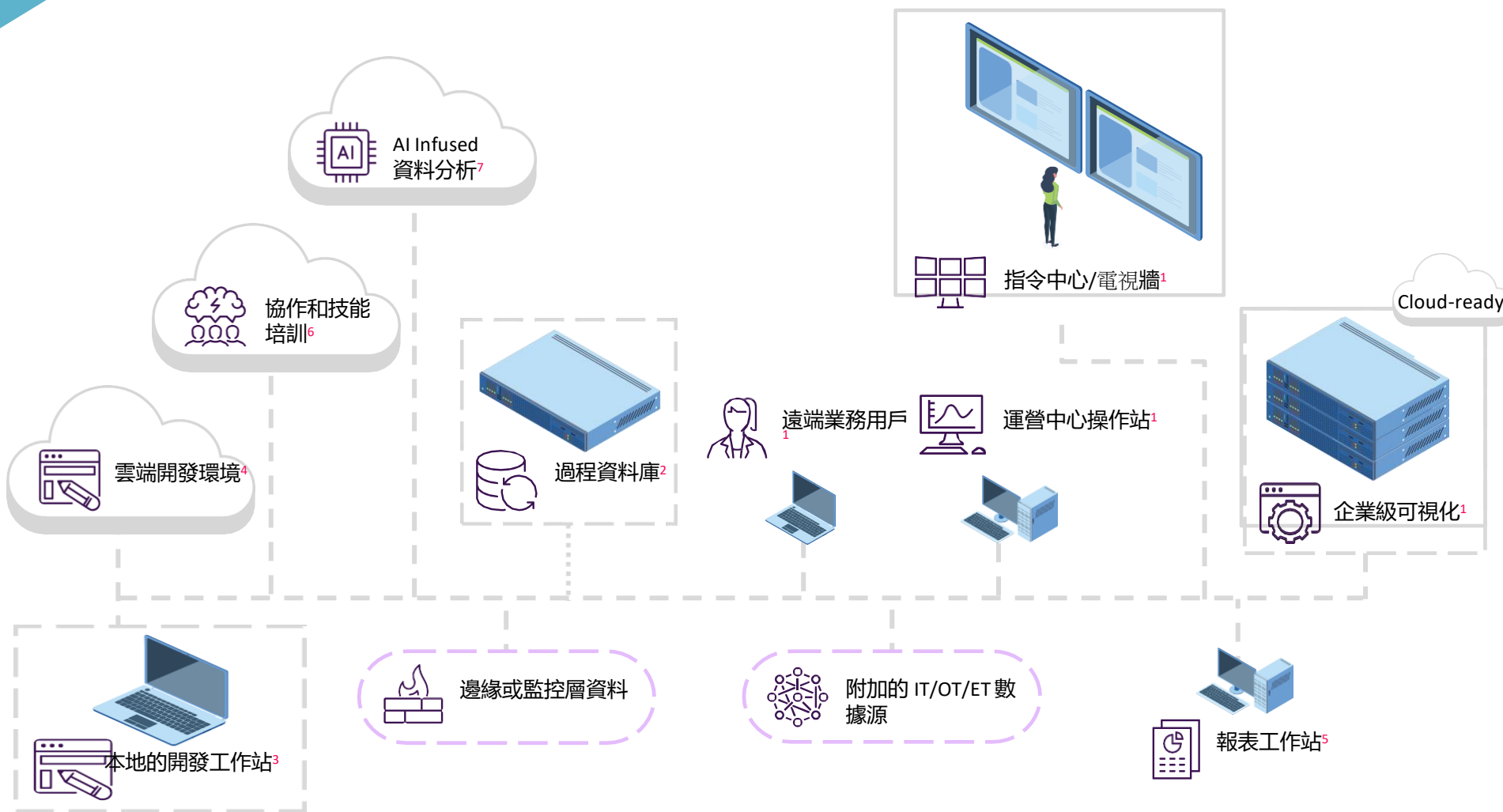


## AVEVA 提供的應用軟體

AVEVA Operations Control - Supervisory

1. 應用包 - AVEVA System Platform or AVEVA Plant SCADA
  - + AVEVA Operations Management Interface
  - + AVEVA Communication Drivers
  - + AVEVA System Monitor
  - + AVEVA Historian Client
2. 過程資料庫 - AVEVA Historian
3. 開發部署 - AVEVA Development Studio
4. 雲端開發環境 - AVEVA Integration Studio
5. 報表系統 - AVEVA Reports for Operations
6. 員工協同 - AVEVA Teamwork
7. 資料分析 - AVEVA Insight
  - + [選項] AVEVA Insight, Guided Analytics
8. [選項] AVEVA Manufacturing Execution System
  - + AVEVA Batch Management
  - + AVEVA Recipe Management
  - + AVEVA Work Tasks

# 參考架構 - Enterprise

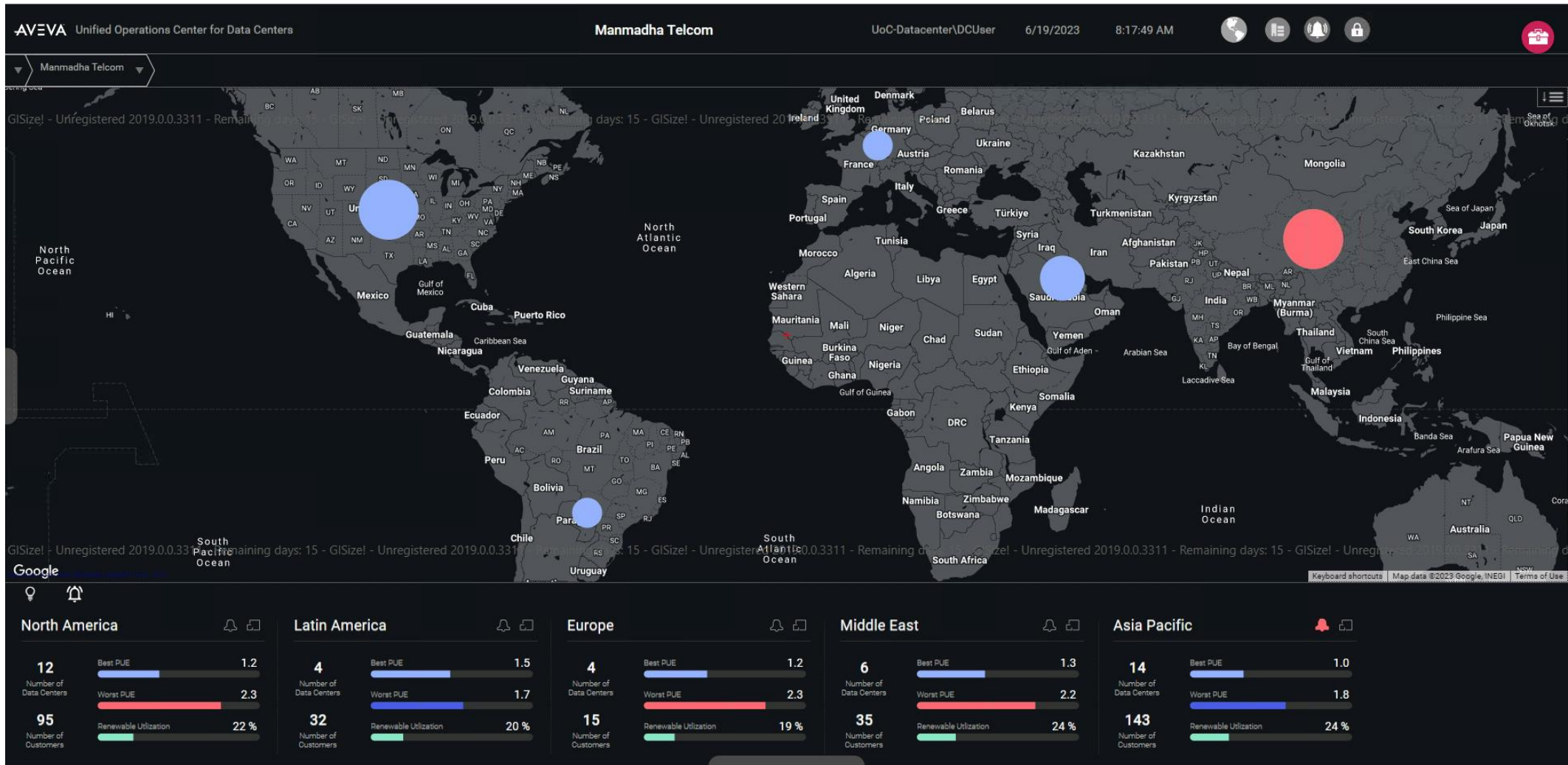


## AVEVA 提供的應用軟體

AVEVA Operations Control - Enterprise

1. 應用包 - AVEVA System Platform Enterprise
  - + Unified operations center industry templates
  - + AVEVA Operations Management Interface
  - + AVEVA Communication Drivers
  - + AVEVA System Monitor
  - + AVEVA Historian Client
2. 過程資料庫 - AVEVA Historian
3. 開發和部署 - AVEVA Development Studio
4. 雲端環境 - AVEVA Integration Studio
5. 報表系統 - AVEVA Reports for Operations
6. 員工協同 - AVEVA Teamwork
7. AVEVA Insight
  - + [選項] AVEVA Insight, Guided Analytics

# Demo : Data Center



A hand in a dark suit sleeve is pointing towards a line graph on a screen. The background is a dark blue gradient with a faint grid and a teal shape in the bottom right corner. The text 'Flex Credit 説明' is centered in white.

# Flex Credit 説明

# Flex Credit 特色



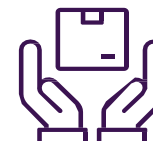
**靈活性**  
靈活搭配AVEVA的  
全部工業產品組合



**可擴展性**  
Credit增加或分配  
可彈性配置



**關注結果**  
根據需求訂製您的產品組合  
從服務中獲得效益



**集中管理**  
管理授權整合在雲端  
掌握軟體使用資訊



消除過去軟體在採購和部署上的障礙  
AVEVA Flex跨越了Cloud、本地和混合解決方案的組合，  
在License購買、使用、管理都很便捷

# 方案說明

250使用者  
Large

100使用者  
Medium

25使用者  
Small

Capability	Edge	Supervisory	Enterprise
過程監控 AVEVA InTouch HMI	S/M/L		
資產整合 AVEVA Edge			
跨 OT 團隊的前哨站 AVEVA System Platform		S/M/L	
跨 OT 團隊的前哨站 AVEVA Plant SCADA			
OT與IT的結合 AVEVA System Platform Enterprise			S/M/L
基礎設備的結合 AVEVA Communication Drivers	Standard	Professional	Professional
人力與資產的結合 AVEVA Teamwork	X	X	X
即時數據與歷史數據的儲存分析 AVEVA Historian ,AVEVA Historian Client		X	X
數據的即時觀看 AVEVA Insight	X	X	X
生產數據的報表 AVEVA Reports for Operations	X	X	X
建立和管理 AVEVA Dev Studio AVEVA Edge Studio AVEVA Plant SCADA Studio AVEVA Integration Studio	X X X	X X	X X
生產系統的監控 AVEVA System Monitor	X	X	X
技術支援 AVEVA Customer FIRST	支援	支援	支援
<b>加購</b> AVEVA Manufacturing Execution System AVEVA Batch Management AVEVA Recipe Management AVEVA Discrete Lean Management AVEVA Work Tasks	S/M/L	S/M/L	S/M/L
AVEVA Insight, Guided Analytics	S/M/L	S/M/L	S/M/L

傳統的License認證模式至現今使用者模式

- Unlimited IO
- Unlimited Tags
- Unlimited Screens
- Unlimited InTouch / Edge
- Unlimited System Platform
- Unlimited Plant SCADA
- Unlimited UOC
- Unlimited OI Servers

**Example:**  
客戶有4個班，每班10人總計需40 使用者。



**THANK YOU !**

Smart Technologies Driving Tomorrow's Production.