



DIGITAL TWIN BROCHURE

TECHNO-VISION and PMO Digital have TEAMED UP to bring you tomorrow, today, at yesterday's prices.

Made in Cairo and delivered in Britain

Harness the Power of CHEOPS

You can add value with our TWINS in several ways:

1. EARLY FAST PROTOTYPING of initial designs, allowing:
 - ▶ RENDERING PREVIEWS
 - ▶ REVENUE GENERATION - use renderings for advance home sales of plots & house types
 - ▶ SELL OFFICE AND SHOP SPACE
Lease office space early
 - ▶ DELIGHT your CUSTOMERS
 - ▶ Delivered via secure Cloud Services





COMPONENT LEVEL VIEWS

- ▶ 2. Where can we put the cables and pipes?
 - ▶ Can we use the cupboards creatively?
 - ▶ Where to put the Netflix room?
 - ▶ Is there power for the Jacuzzi?
 - ▶ Can we add SOLAR?
 - ▶ Feng Shui is cool here

SYSTEMS VIEW

- ▶ Is the design future-proofed?
- ▶ How is the reception really?
- ▶ Does the CCTV cover the entrances and windows?
- ▶ What options do we have for the incoming data signals?
- ▶ N, N+1 or N+2 ?
- ▶ What happens if?
 - ▶ USE CASE DEVELOPMENT AND VALIDATION
 - ▶ Do we really need a standby generator?
 - ▶ Why do I need one? I thought UPS delivered parcels.





OPERATIONS AND MAINTENANCE

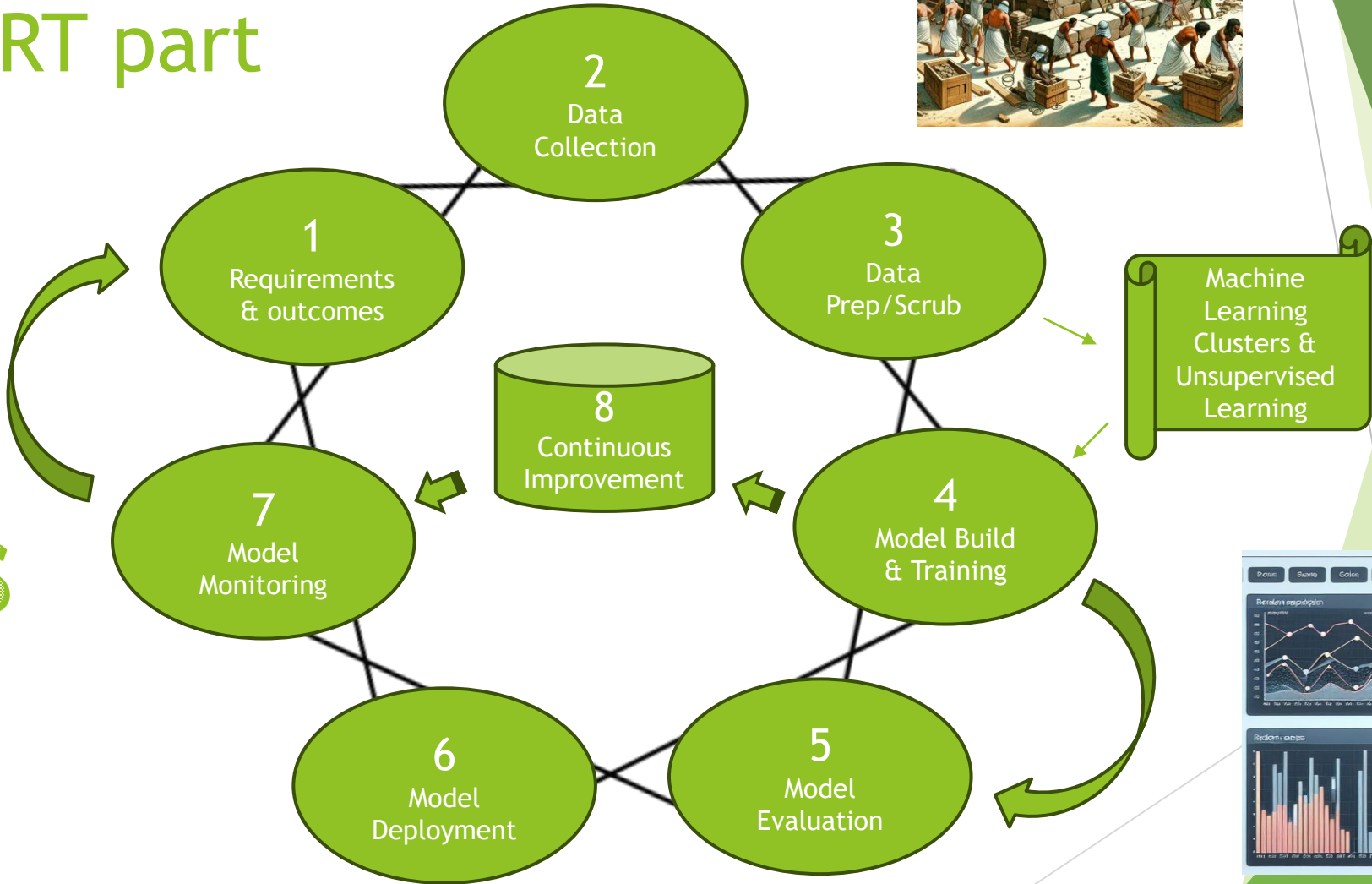
- ▶ YOUR TWIN CAN BE USED TO PREDICT WHEN MAINTENANCE IS REQUIRED
- ▶ IT WILL ALSO HELP MONITOR [via IoT] THE SYSTEMS AND FLAG WHEN THERE IS AN ISSUE
- ▶ SAVE MONEY BY RETRIEVING WARRANTY DATA AND COMPARING ACTUAL SERVICE RELIABILITY TO MTBF and MTBO
- ▶ BECOME THE EXPERT WITH OUR EXPERT DIGITAL TWIN
- ▶ SQUEEZE THE JUICE WITH YOUR DESIGN. TWINS ALLOW YOU TO DESIGN FOR TCO REDUCTION

Building Your Model

The SMART part



The construction of the Great Pyramid of Giza, built for the Pharaoh Khufu, aka CHEOPS, used 2.3 million stone blocks, each weighing a ton or more. Consider the stones as random blocks of data, and the pyramid as an organized outcome. This is the power of having a good model.



CHEOPS

Computerized
Hyperdata
Engineering
Optimization &
Performance
Simulation



Sample reference projects from Egypt from Techno-Vision [rendering twins since 2015]



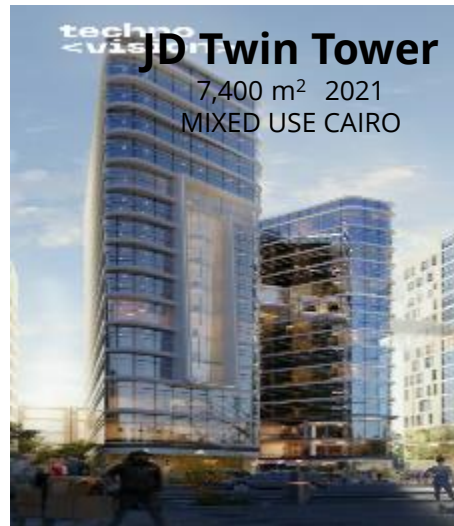
LRT



2021: Sheik Zayed City, Residential. 43 acres



2022: Golden Gate, 48 acres
mixed use, central New Cairo



techno vision
JD Twin Tower
7,400 m² 2021
MIXED USE CAIRO



CAIRO LRT: Project year 2022 Project Type :infra-structure project. Project Area: 90 kilometers..



Our Digital Twins
want to help you.

Don't delay - call or email today.

Twins@PMOPMC.Digital

+44 161 818 4680

Master the power of CHEOPS