

The International Maritime Transport and Logistics Conference  
"Marlog 10"

**Digitalization**  
in Ports & Maritime Industry



SC°ZINE'

**Digitalization Strategy**



# Contents :

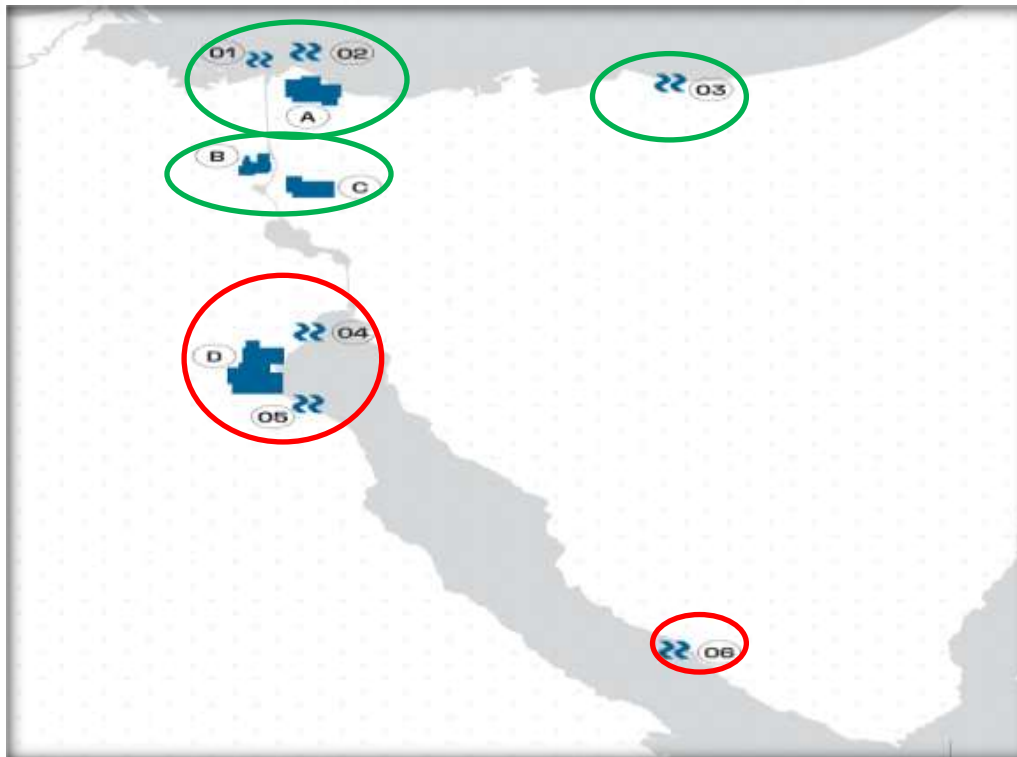


1. Vision
2. Strategy
3. Roadmap
4. Services & ROI





Structure:



 6 Ports

 4 Industrial zones





## Vision

Building a Unique model of Fully integrated Solutions of Smart port systems and Smart Industrial zones





## Strategy:

1. Define the scope of (Unification – centralization – Integration)
2. Provide reliable connectivity and Communication services.
3. Build infrastructure Using Latest technologies
4. Pay as you grow
5. Integrate with Related Authorities
6. Replace Legacy systems
7. Develop hierarchy and use Outsourcing.
8. Provide Service for investors





## Roadmap:

1. IT Infrastructure development 2025
2. Smart Port Systems & Land management system 2025
3. Integration with related authorities 2025





# Achievements: West Portsaid Fiber Network

\*Infrastructure Support Single window “Nafeza” & ACI system





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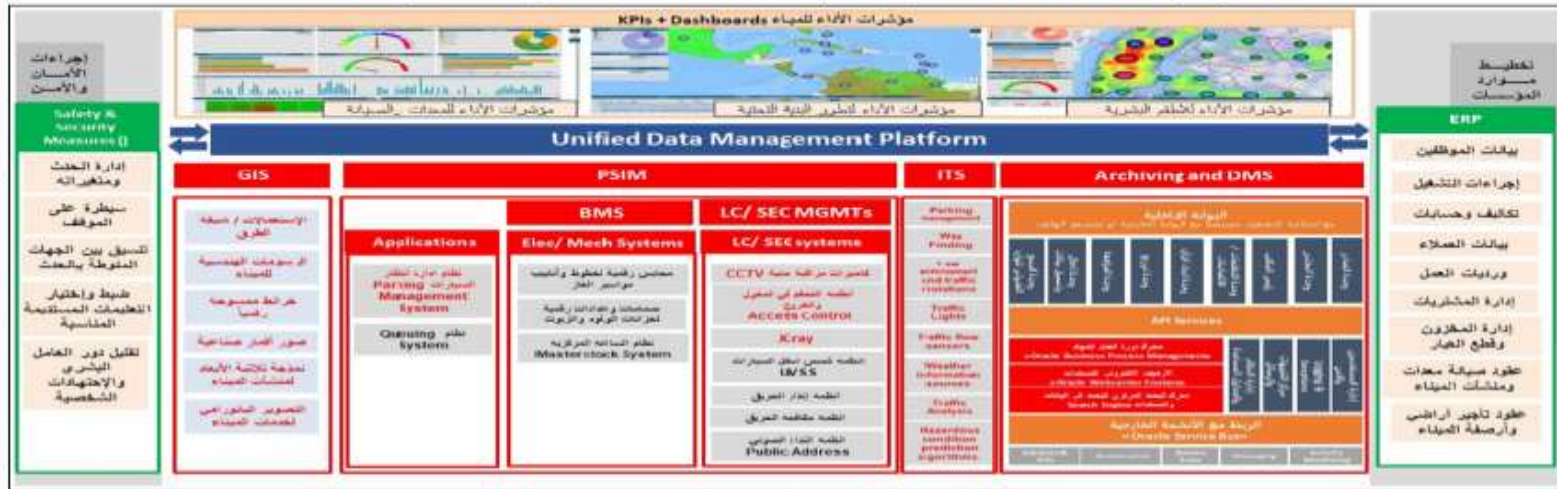
\*Infrastructure Support Single window “Nafeza” & ACI system





# Achievements: Design of West Port Said Smart Systems

Conceptual design for Port Said west port digital transformation project

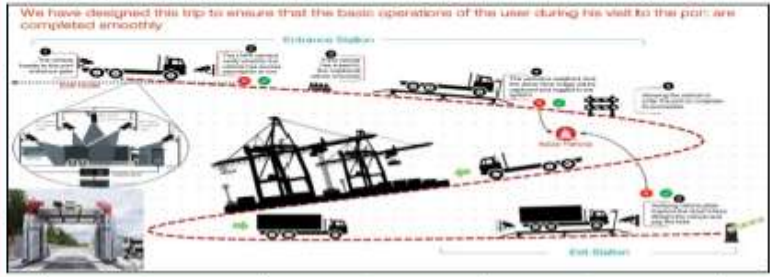


**نظام الربط**

GIS: Geographic Information System  
 PSIM: Physical Security Information Management  
 BMS: Building Management System  
 ITS: Intelligent Transportation System  
 LC: Light Curve  
 SEC: Security

**بيانات الموظفين**  
 إجراءات التشغيل  
 تكاليف وحسابات  
 بيانات العملاء  
 وريقات العمل  
 إدارة المخزون  
 وإدارة المخزون  
 عقود سيطرة المعدات  
 ومعدات الميناء  
 عقود تأجير أرصفة  
 وأرصعة الميناء

## Basic Truck Journey



## Advanced Truck Journey



**SC2ZONE**  
 SC2ZONE  
 SC2ZONE

**SC2ZONE**  
 SC2ZONE  
 SC2ZONE

**SC2ZONE**  
 SC2ZONE  
 SC2ZONE

**SC2ZONE**  
 SC2ZONE  
 SC2ZONE

Achievements: East Portsaid Communication Center





# Achievements:

## Contract for East Port Said Smart Systems and infrastructure



1. Datacenter
2. Fiber Network
3. Wireless Network
4. CCTV
5. RFID & E-Gates
6. Command and Control Center (CCC)
7. Geographical Information System (GIS)
8. Land Management System (Portal)







# Achievements:

Sokhna port is under massive infrastructure development



# Achievements:

Ariesh port is under massive infrastructure development





## Services & ROI:

- SAAS
- IAAS
- PAAS
- VOIP
- Private Cloud Computing
- Subscription model





*Thank  
you*

