

# ZODIAC Redefining TOS as Digitalization Solutions for Ports and Terminals

## THE MISSION

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# Introduction to the Mission



## MISSION

Provide the tools and technologies that enable our customers to improve performance in an efficient, resilient and sustainable way.



## VISION

Add value to Global Supply Chains by providing tomorrow's world-class solutions for today's needs.



## DNA

We speak your business – we know ports & terminals!

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# WHO IS CARGOES TOS+?



## Leading global trade enabler

We have a full range of CARGOES Terminal Operating System products including our cloud-based solutions.

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## We know “YOUR” business

Proven software solutions built by people with a wealth of practical port operation experience.

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## Global Footprint

Zodiac has offices worldwide, with hundreds of employees comprising veterans in the logistics industry, software development, support staff, and professional services personnel.

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## Digitalization

Specializing in digital trade solutions for freight and marine terminals.

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## Port solutions providers

We have a full range of CARGOES Terminal Operating System products including our cloud-based solutions.

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## Professional Customer Service

The team works with customers directly at each stage of the implementation and installation process.

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# WHAT CAN CARGOES TOS+ DO ?



Implementation



Support



Training


# CARGOES TOS+ COMPETENCY CENTRE

 Vancouver

 London

 Dubai

 Cochin

 Hong Kong

 Lima



# CARGOES TOS+ SUMMARY



34+

Active sites running on  
CARGOES TOS+ Zodiac



18

CARGOES TOS+  
Zodiac products



7

Region Across  
the globe



70%

Of DP World  
Terminals covered

## 2020 Completed Projects

Limassol Jebal Ali T3 Sokhna ATI South Harbor ATI Batangas

# CARGOES TOS+ MODULES



Backend



Billing



ARMG  
Automation



Rail



Berth  
Planning



ASC  
Automation



General  
Cargo (GC)



Inland  
Container  
Depot



Terminal  
Internet of  
Things



Real Time  
System  
(RTLS)



Fleet  
Management  
System(FMS)



Machine  
Learning



Container  
Freight  
Station  
(CFS)



E-Services



Auto Gate  
System



PDA Foreman  
Application



Operation  
and  
Planning  
(OPS)



SC Optimizer





Backend



Billing



Machine Learning



Terminal Internet of Things



Inland Container Depot



General Cargo (GC)



E-Services



Container Freight Station (CFS)

### Waterside



Berth Planning



Operation and Planning (OPS)

### Container Stacking Yard 365



ARMG Automation



ASC Automation



PDA Foreman Application

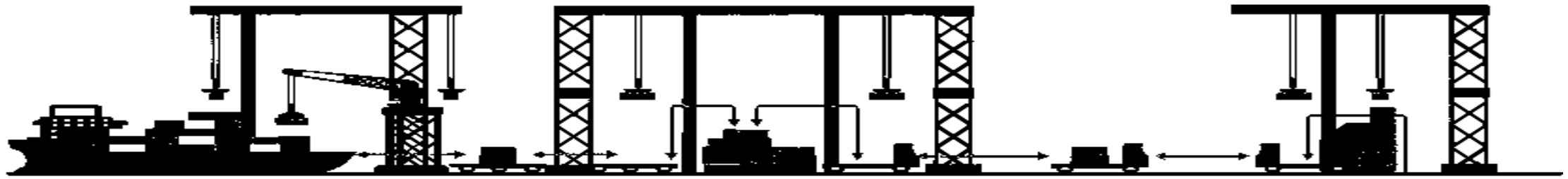
### Intermodal



Rail



Auto Gate System



- Ship to Shore Cranes.
- Mobile Harbor Crane

- Terminal tractors
- AGVs
- Straddle Carriers

- Rubber Tire Gantry Crane Rail.
- Mounted Gantry Crane.
- Automated Stacking Cranes

- Auto Shuttle Carriers
- Reach Stackers

- Intermodal Cranes

### Horizontal Transport



Real-Time System (RTLS)



Fleet Management System (FMS)



SC Optimizer

# How Can We Repeat Success Stories Together

## Zodiac 7.1 full suite for Cloud – Limassol, Cyprus

Zodiac 7.1 full suite for Cloud with new architecture under implementation to cover multi-purpose terminal  
Target to go-live Q1. 2021 (subject to Covid19 travel ban)



## Zodiac Semi-Automation - Jebel Ali T3, UAE

T3 reopened for Zodiac staffs on the ground from September  
Zodiac operates the following areas  
Strip yard, empty yard fully  
All 197 ITVs commanded by Zodiac  
ARMGs blocks in Parallel run  
STS rollout went LIVE in December 2020



# CARGOES

TOS+

IN YOUR DIGITAL TRANSFORMATION JOURNEY...  
CARGOES TOS+ IS YOUR PARTNER.

For information on Digitalization  
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**CARGOES**

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TOS+