

# TMS

## Training Management System:

A 360° approach to Maritime Training

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CONFERENCE



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## SQLearn | Brief Company Profile

# 1

## About SQLearn



- **SQLearn** is a Greek company that develops in-house technological solutions for **e-learning**, including Learning Management Systems (LMS), web based teleconference platforms and development of e-learning courses and webinars.
- **SQLearn's** services can increase the **Return On Investment (ROI)** of the training budget while they drastically increase training indexes by providing training managers with measurable results and detailed reporting.

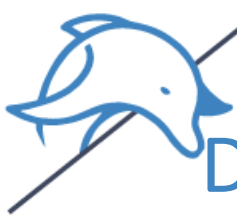
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# SQLearn: Memberships



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## SQLearn | Maritime Products & Services



# Dolphin Platforms: E-learning for maritime

## Dolphin System Ashore installation

The main e-learning platform installation

## Dolphin System Onboard installation

An e-learning platform installation per vessel

## Dolphin System TMS

Training Management and Reporting

## Dolphin Library

STCW topics & Lessons learnt

## Resilient Dolphin

Resilience Training Programme

## Special Dolphin

Custom lessons

## Career Dolphin

Recruitment tools – Appraisal tests

Approved by



Compliant with TMSA 3





# Dolphin Platforms – Clients



Approved by



Compliant with TMSA 3





# Dolphin Platforms in numbers



**20.000+** users from the **maritime sector**



**500+** installations in vessels



**250+** e-learning courses



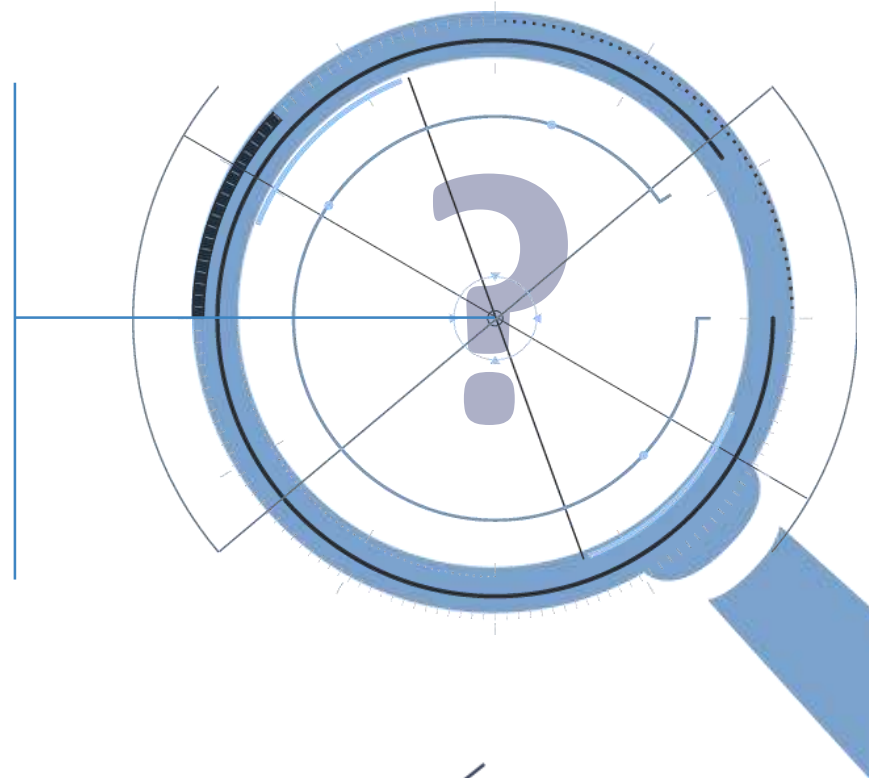
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## SQLearn | Training Management System (TMS)

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## The problem

- Training records are fragmented across many systems
- Systems do not communicate
- Other systems for e-learning and classroom trainings
- TMSA3 requirements



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## The problem

- Crew managers need reports in regular time base regarding seafarers' & office staff's trainings
- Real time reporting
- Seafarers' and office personnel's training records
- Internet cost

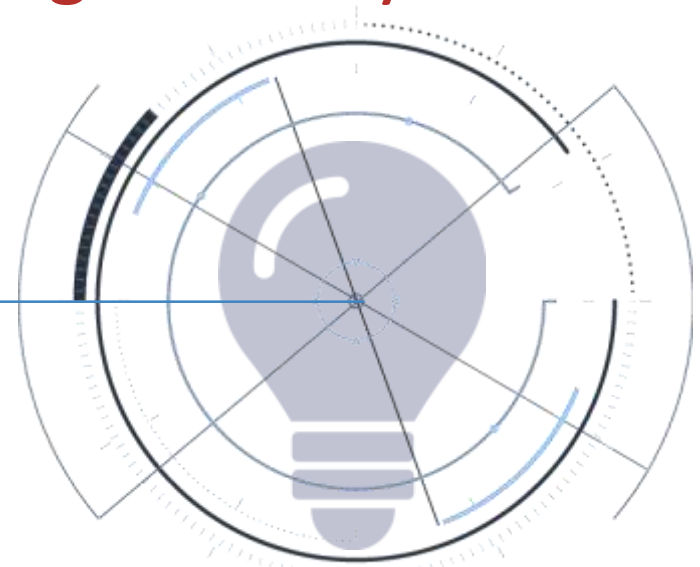




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## The solution: Training Management System

- ✓ Complete reporting and training history for seafarers and office personnel
- ✓ Supports various training types e.g. e-learning, classroom, drills, facilitator based etc.
- ✓ Training Matrix Rules for training assignments to each rank and / or job description based on Training Needs



**TMS**  
Training Management System

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## The solution: Training Management System

- ✓ Personal seafarer training record where each user can view:
  - Complete training history for various training types
  - Trainings categorized as completed and pending
  - Priority of trainings
  - Available certificates



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## Training Management System – Key points

1. Training Need Categories – **Training Needs** – Trainings
2. **Training Matrix Rules / Individual assignments**
  - Optional / Mandatory
  - Certificate Duration (Course validity period)
3. Different user access roles (**admin / manager / user**)
4. Supports **seafarers & office personnel**



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## Training Management System – Key points

5. **Training Requests** (Trainee / Calendar)
6. **Reporting** (per user, per course, per rank / roles, per vessel, per specific time period)
7. Instructors' and Trainings' **Evaluation** (TMSA3)
8. **Integration** with LMS





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## TMS: API & Integrations

### Complete web services API available for:

- Users management,
- Course management,
- Enrollment management,
- Training status reporting e.g training completion status reporting.

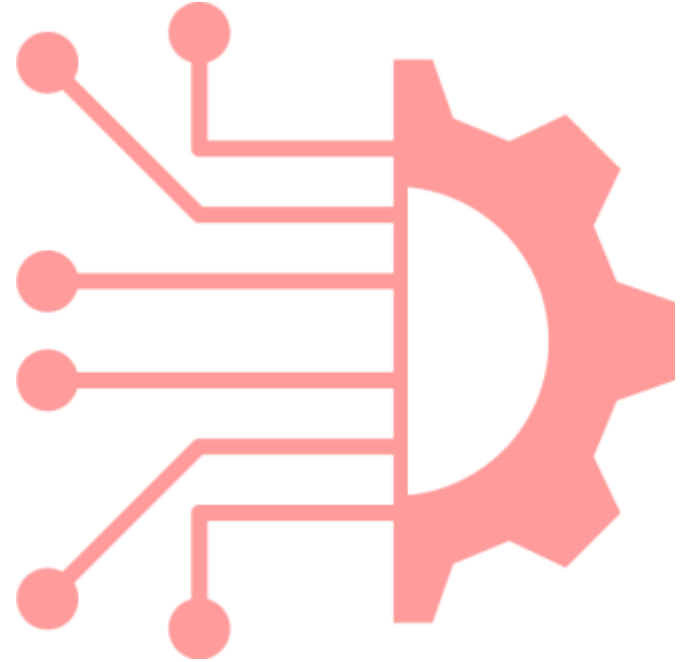


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## TMS: API & Integrations

### Integrations:

- **DANAOS,**
  - Get active list
  - Get list of courses
  - Return training results to update training record on DANAOS
- **SAP,**
  - Get active list
- **Seasoft/Talentia,**
  - Get active list
  - Get enrollment rules
  - Return training results
- **Microsoft Active Directory,**
- **HR Management Systems.**



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## Training Management System: Security

- Encryption of data at transit
- Encryption of sensitive data at rest
- Web Application Firewall. Apache modsecurity is deployed



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## Training Management System: Security

- File upload whitelist
- Antivirus deployed for file checking
- Vulnerability detection and threat assessment monitoring
- GDPR compliant



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## Training Management System in more detail

- Customization options (customized themes per client)
- No need for maintenance from Company's IT Dpt
  - cloud based
  - web services automated connections (LMS, HRMS, SAP, Danaos, etc.)
  - technical support from SQLearn for admin tasks

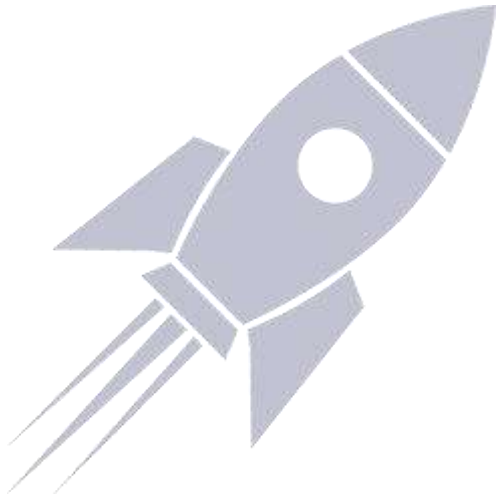


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## SQLearn | Future expansions

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## Future expansions



- Mobile & tablet applications
- Reporting tool (customized reports, diagrams, etc.)
- Email notifications
- Evaluation tools

# Comments & Questions





# Thank you



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