DEVELOPING LOGISTICS TRAINING PROGRAMS IN THE CONTEXT OF DIGITAL TRANSFORMATION AT HO CHI MINH COLLEGE OF TRANSPORTATION

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❑ According to VLA, the growth of Vietnam's logistics sector has been at 14% - 16% in recent years.

❑ According to a McKinsey study, digital transformation would previously take about 5 years to be applied to business and consumers. However, under the impact of the pandemic, this process has been shortened to just 8 weeks.
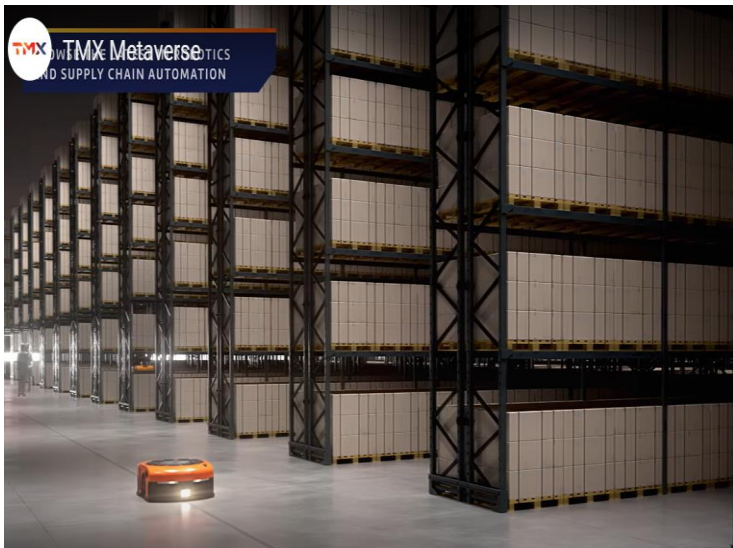
CONTEXT

❑ Logistics businesses are at the forefront in digital transformation;

❑ Challenges to institutions: Staying current with industry development; digital transformation in management and training

CONTEXT

❑ Decision No. 2222/QD-TTg by the Prime Minister: Approving the digital transformation program in vocational education and training to 2025, with a vision to 2030;

❑ Decision No. 601/QD-LDTBXH dated July 5, 2022 by MOLISA on its plan to implement Decision No. 2222/QD-TTg;

❑ Decision No. 2550/QD-UBND dated June 22, 2023 by HCMC People's Committee issuing a plan to implement the digital transformation program in vocational education and training in HCM city to 2025, with a vision to 2030

1. Logistics training program development process

2. Digital transformation in logistics training

3. Challenges in digital transformation in logistics training

1. Logistics training program development process

No	MODULE	DURATION (hour)
1	International Freight and Trade Management	21
2	Logistics Operation	18
3	Warehouse management	18
4	ICT in Freight Forwarding	12
5	Sea Transport	21
6	Marine Containers	18
7	Inland Waterway Transport	6
8	Multimodal Transport	18
9	Air Transport	21
10	Road & Rail Transport	18
11	Dangerous Goods	18
12	Insurance	12
13	Customs	33
14	Safety & Security	6

(Source: vli.edu.vn)

❑ In 2017, HCMC College of Transportation developed a college-level logistics training program;

❑ In 2018, it was licensed to enroll students in its logistics training;

Partnership with VLI: Since June 2019

❑ Revising and updating the program - 4 main pillars in the training program: Freight forwarding, Warehousing, Road Transport and Inland waterway transport;

❑ Lecturers are trained in accordance with FIATA program: 13/16 lecturers are FIATA diploma certified.

❑ Curricula development progress: 94%

1. Logistics training program development process
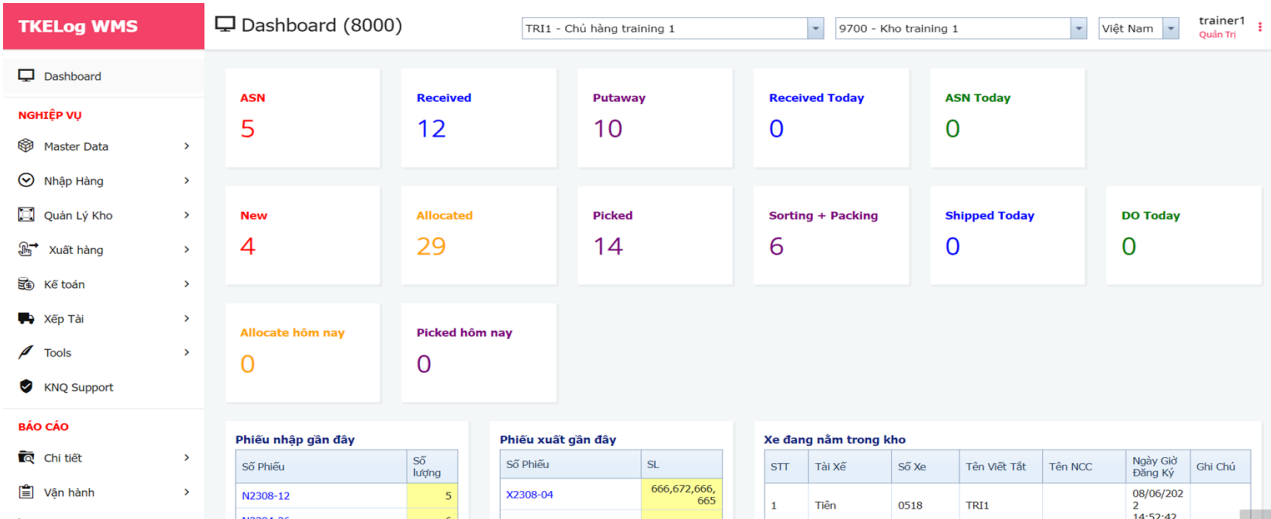
Industry engagement in training

❑ Specialised research units: VLI, DRD

❑ Supply chain solution providers: SmartLog (2020), AFR Solutions (2021), TKS (2023);

❑ Communication and support service providers: Vietnam Shipping Gazette

❑ Logistics organisations: Will Logistics, Hong Nam Single-member Limited Liability Company, AOA, VTA Logistics
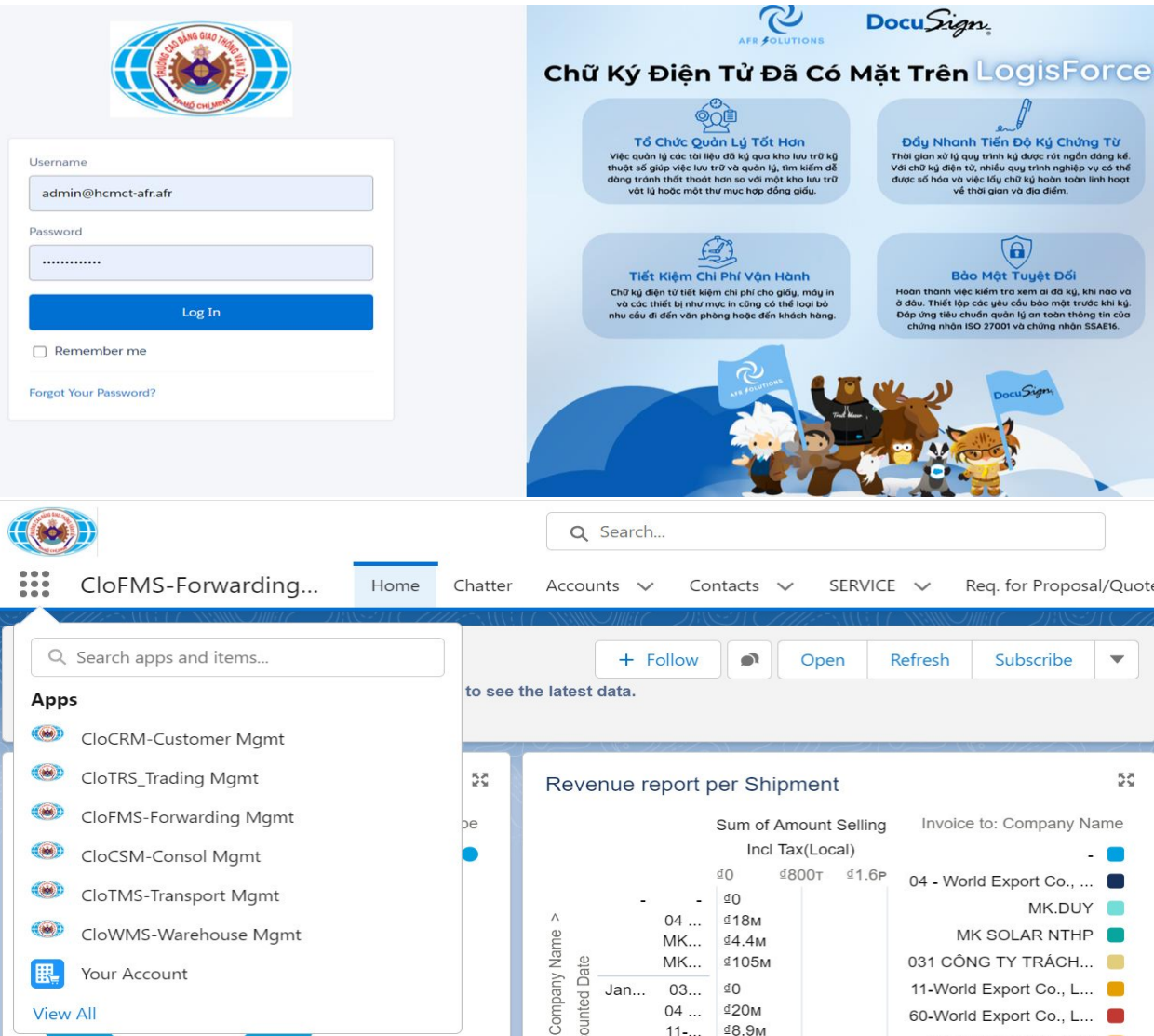
2. Digital transformation in logistics training

Application of TKELog WMS for practical training in warehouse modules:

❑ Simulated warehouses;

❑ Master data development;

❑ Business processes: Layout setting, Receiving, Putaway, Pick pack, stock take, Dispatching stock;

❑ Paperless;

❑ CBTA adoption

2. Digital transformation in logistics training

AFR Solution application developed on the Salesforce platform for modules on logistics processes:

❑ 6 component modules: CRM, TRS, FMS, WMS, TMS and CSM

❑ Master data development;

❑ Role play practice;

❑ Paperless;

❑ CBTA adoption

❑ 05 lecturers enrolled in CBTA courses organised by Aus4skills: CBTA2, CBTA3, CBTA4 and CBTA5;

❑ Roll-out of the CBTA Pilot Project for "Pick and Process Order" module (IntroLog2022) together with MC1 and InterLog;

❑ Official application for the "Warehouse operations internship" module from October 2022 - March 2023;

Application of the "Warehousing operations" module with 6 units of competency:

(1). Compliance with warehouse regulations and procedures;

(2). Warehouse layout setting;

(3). ASN process;

(4). Item receipt and storage;

(5). Order picking and handling

(6). Product inventory

3. Challenges in digital transformation in logistics training

(1). Digital infrastructure;

(2). Resources to develop digital platforms and learning materials;

(3). Digital literacy of staff and lecturers;

(4). Digital inequality.

Refer to the Guide on Digital Transformation in Vocational Education and Training - DVET - IMO

Hanoi, October 24, 2023