

DigLogs

WP2 Pilot implementation

Progress Report #2

5.2.3. App for data flows management

Responsible partner: Port of Rijeka Authority (PP7)			
Involved partners: All			
Version	Status	Date	Author
0.1	Draft	01.06.2021	Aksentijevic Forensics and Consulting, Ltd.
Notes:			

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1 Reporting period

Reporting period	01.03.2021. - 01.06.2021.
Date of the report	01.06.2021.

2 Pilot action progress status

2.1 Pilot implementation schedule

Project timeline for the duration of the the entire pilot project is shown in the table below, along with the most important milestones.

Since the first milestone, DigLogs project has received contract extension that is reflected in the subsequent table.

Activity number	Activity title	Year and month								
		2020					2021			
		8	9	10	11	12	1	2	3	
1	Creation of the pilot work plan draft									
2	Creation of the pilot work plan		*							
3	Creation of the technical-functional specification									
4	Completed public procurement documentation									
5	Awarded equipment purchase and system integration contracts							*		
6	Delivery and installation of equipment									
7	Equipment UAT testing									
8	Development and system integration									
9	Fully integrated system UAT testing									
10	Full system deployment in production									

Activity number	Activity title	Year and month									
		2021									
		4	5	6	7	8	9	10	11	12	
1	Creation of the pilot work plan draft										
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2.2 Progress status

Port of Rijeka Authority’s pilot consists of two major activities:

- Upgrade of the Rijeka Traffic Web application visualization with enhanced images
- Upgrade of Port of Rijeka Authority’s VTMS system with additional layer enabling identification of smaller vessels

Port of Rijeka Authority has since inception of the pilot work plan created technical specification for both activities (delivery and integration of hardware equipment for VTMS and development and integration services for Rijeka Traffic software).

According to the created technical specification, RFQ (request for quotations) was issued as a part of the public procurement process.

On the 2nd February 2021. A contract has been stipulated with the vendor for VTMS upgrade and defined contract term until 1st July 2021.

On the 18th February 2021. A contract has been stipulated with the vendor for application upgrade and development services for Rijeka Traffic software.

Since the Progress report #1, and according to the provisions of the contract, the contractors have in both cases delivered material part of the equipment, namely two video cameras suitable for integration with Rijeka Traffic system and one thermal camera for integration with locally used VTS system.

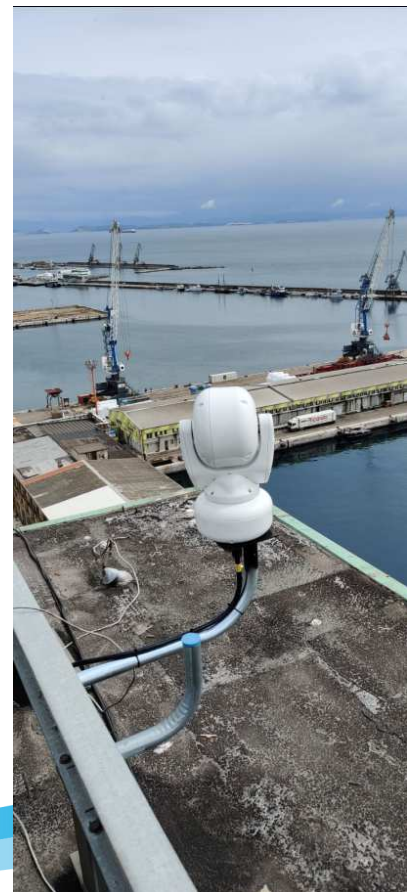
At the time of compilation of this report, thermal camera has been installed at the silo in the port, while two CCTV cameras have been installed, but they will have to be repositioned as the initially identified location is not adequate for the required purpose.

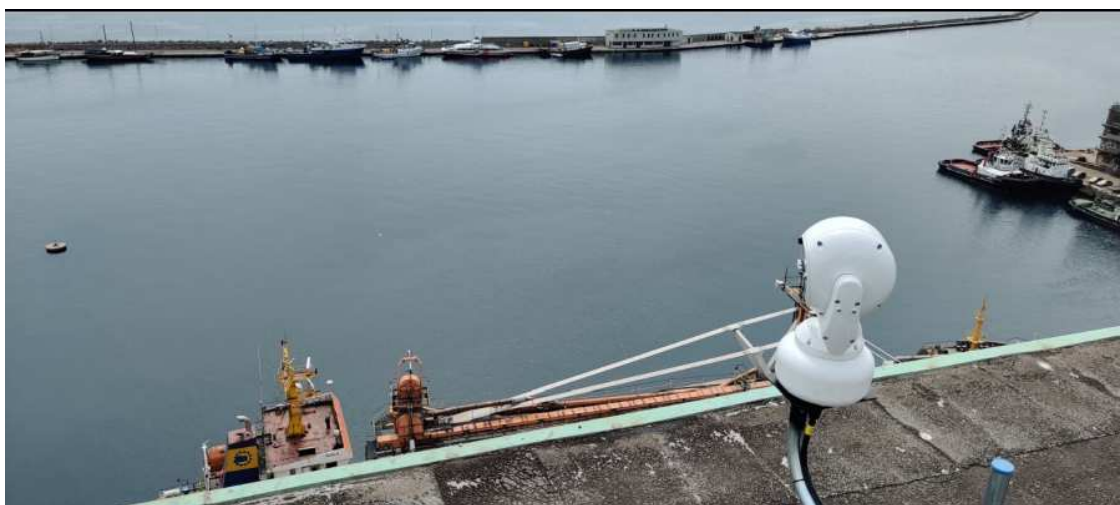
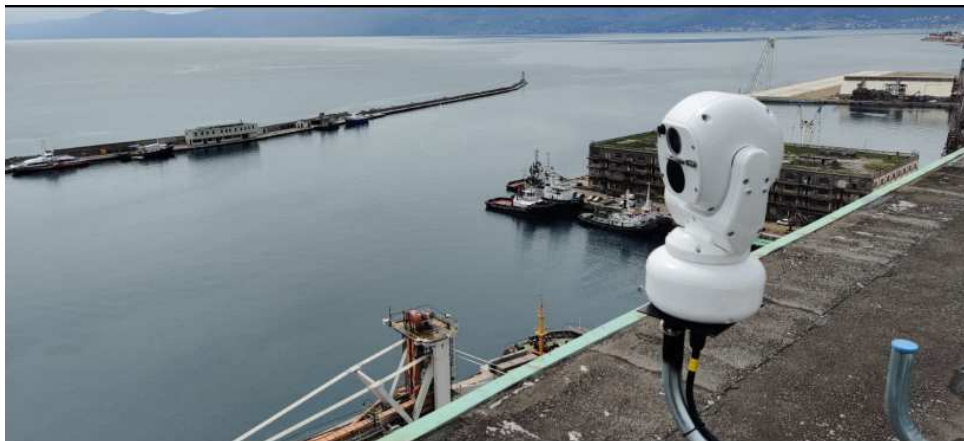
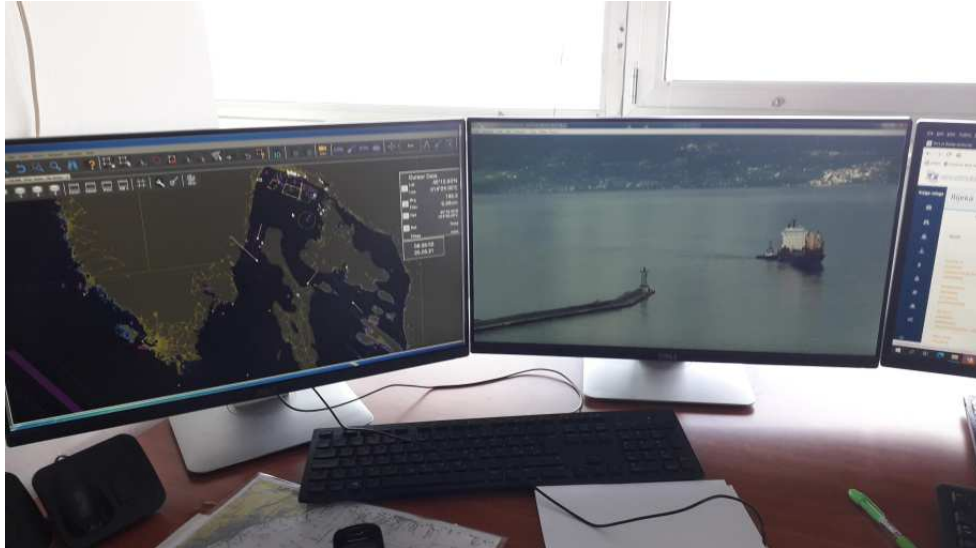
Thermal camera has been integrated as a visual layer in the VTS system. Furthermore, integration services provider Hexis Ltd. is continuing with integration of the camera feed as additional augmented reality layer over existing Rijeka Traffic software.

The activities are advancing in accordance with initial project plan and correct fulfillment of the contractual obligations is expected.

At the moment, no project scope creep or latency can be identified.

Positions of the installed equipment are shown in pictures that follow.





2.3 Milestones and actions

Milestone / action	Responsible partner / external resource	Deadline, as defined in PWP	Predicted or achieved completion date	Estimated completion %	Progress status
*1 Completed project work plan	Port of Rijeka Authority / Aksentijevic Forensic and Consulting, Ltd.	1st October 2020.	1st October 2020.	100 %	Fully completed
*2a Awarded integration services contracts	Port of Rijeka Authority / Hexis Ltd.	1st April 2021.	1st July 2021.	100 %	Fully completed
*2b Awarded equipment purchase contracts	Port of Rijeka Authority / Maritech Adriatic Ltd.	1st April 2021.	1st July 2021.	100 %	Fully completed
*3 <i>Full system functional (pilot development completed).</i>	Port of Rijeka Authority / Hexis Ltd. / Maritech Adriatic Ltd.	1st May 2021.	1st December 2021.	90 %	Ongoing

3 Risks

Risk description	Solution suggestion	Status
No risks were encountered	n/a	Risks monitored

4 Next steps

Active cooperation is ongoing with both contracted vendors.

In regard to Hexis Ltd., appropriate position for the delivered cameras is being identified, and in parallel, the development of visualisation and integration with Rijeka Traffic is expected.

Vendor Maritech Adriatic Ltd. has delivered VTS add-on equipment, thermal camera has been installed in the appropriate position on the silo and layer integration with existing VTS system.

After delivery of the two envisaged integrated systems, testing and final acceptance are expected.