

DigLogs

WP2 Pilot implementation

Progress Report #1

5.2.3. M2M Dialogue

Responsible partner: Port of Rovinj Authority (PP9)			
Involved partners: All			
Version	Status	Date	Author
0.1	Draft	08.03.2021	Aksentijevic Forensics and Consulting, Ltd.
Notes:			

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1 Reporting period

Reporting period	01.09.2020. - 01.03.2021.
Date of the report	08.03.2021.

2 Pilot action progress status

2.1 Pilot implementation schedule

Activity number/month	Activity title	Year and month																	
		2020.					2021.												
		8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
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																		

Due to the fact that the project has been prolonged until the December 31st 2021, consequently the pilot's activities have also been slightly moved up on the timeline. Specific scenario slightly delayed the full implementation; therefore, the user acceptance training (UAT) takes place in a time frame in which the complete deployment was primarily envisaged. The prolongation of the DigLogs project came in handy due to the fact that activities contained in this pilot can be fairly time consuming due to multitude of factors that need to be acknowledged.

2.2 Progress status

Regarding the progress status, updated information contained in this document refer to the events and milestones occurred after the month of September where the public procurement procedure already happened and equipment was purchased and installed. Milestones occurred latter in the timeline refer to the maintenance and customization of the purchased equipment to suit the specific need Port of Rovinj Authority requires. Categories listed below describe the current status and thoughts:

Hardware – printers were purchased and are fully functional

Software – implementation of the software solution is in progress:

- I. all port areas have been entered into the system
- II. all berths were systematized according to their purpose
- III. graphic display was made available
- IV. berth was assigned to each vessel...

For the communal part of the port, the existing data on users and contracts have been entered and are generated from the program. In addition to the contracts, annual berth invoices are generated, which can be delivered to users via their e-mail addresses (directly from the program).

Official notes, complaints - compilation in the program, possible connection with the users

Cash transactions - a mobile version of the application is used for direct cash transactions. There is a problem with displaying on certain mobile devices - developers are working on the problem.

The billing process – fully functional, only minor changes are made to the appearance of the account. However, the problem is the steps required to issue an invoice. It is necessary to enter the customer (name, surname, address, OIB (personal identification number) and the vessel specifications (name, length, flag) in different interfaces for each vessel at berth (transit), which in the field conditions (sea, waves, sun) presents a slight problem for employees. So far, the process of billing required entering only the basic information such as name of the vessel, length

and length of stay... The developers together with Port of Rovinj Authority's employees are working on a simplifying the procedure.

Mooring reservations – fully functional; reservations and announcements of cruise ships and yachts are entered, and statistics on the length of stay of ships in the port are available

Accounting - the absence of a general ledger is a major problem. Exporting the journal entry for form posting does not meet the needs. There is currently work in progress on eliminating the difficulties.

Invoicing – fully functional, currently working on upgrading the connection to the e-invoice system; incoming invoices are entered into the program, difficulties occur with the export of aggregate orders for payment of invoices through the bank. Work is also underway.

Cash register – fully functional

General notes - it is difficult to use the program menus because menus in the interface are made to appear in Croatian, Slovenian and English. Due to epidemiological measures, staff training is conducted online, which also complicates the process of adopting the basic conditions for using the program.

2.3 Milestones and actions

As stated in the previous chapter, equipment and software solutions are well on their way of being fully implemented. All the major components are up and running, while the smaller systematization and customization of the program is currently being worked on. Smaller difficulties occurred on making the software run smooth but only due to striving for the best and most user-friendly application in the often very demanding conditions.

When implementing the Marina Master program, difficulties were found in adaption the functionality and adaption the program to fit the Port of Rovinj Authority needs. This primarily applies to the entries and reports required for the journal entry and general ledger data.

Regarding the practical part, when cash transactions/collections of invoices takes place in nautical traffic conditions, difficulties occur because the program requires the entry of a new customer for each issued invoice, which requires greater expertise of employees and knowledge of more complex program settings and number of actions to issue an invoice correctly which in normal working conditions does not represent any kind of problem, whereas working at sea can represent minor inconveniences (working on a dinghy which requires experience in docking next to moored/anchored boats + weather conditions such as waves, winds, rain)

Furthermore, it is difficult to use the program menus since menus in Croatian, Slovenian and English appear in the interface.

Due to epidemiological measures, staff training is conducted online, which also complicates the process of adopting the basic conditions for using the program

Implementation will be carried out in full only due to unplanned difficulties the process is taking longer.

3 Risks

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

4 Next steps

Regarding the next steps which are in order to be taken, no significant ones are needed. The major components of the pilot were purchased and are being slowly deployed while waiting for the feedback. Considering the fact that this pilot encompasses huge portions of business conduct in the port of Rovinj, the process is pretty time consuming primarily due to the fact that port has a wealth of information that need to be adequately processed while eliminating any room for errors. General information has been entered into the system and while it appears to be in working condition, minor changes, bugs and tweaks are being resolved as the time passes and specific situations occur. Minor inconveniences and slight modifications as a part of any new system need to be resolved as they appear.

Since the pandemic scenario and its regulations still take place in majority of work-related premises, introducing and familiarizing the employees with the operability of a new system takes place via online communication channels which makes the process a tad more difficult, but nevertheless still manageable.

Full integration will undoubtedly happen, only it will be slightly prolonged but still within the envisaged project timeline.