

25. August 2016. Rijeka



Darko Plećaš Head of IT Department

Content

- Development of local PCS by Port of Ploče Authority
- Integration with other systems
- Development of interface to share data from PCS Ploče with other ports's system through web interface
- PCS integration with Entrance terminal Control and management system,
 Terminal operating system and other systems
- Integration with Croatian NSW CIMIS



Development of PCS (1/4)

- There is no standard PCS purpose is the same.
- PCS Ploče is tailor made system which meets the requirements and specifics of the port community Ploče
- Depending of port needs, PCS systems are different regarding Structure and architecture



• Development of PCS Ploče is ongoing

Development of PCS (2/4)

- Better message exchange between port users to have reliable and on time information
- Better planning in port of Ploče
- Need for message exchange in order to have quality information so that processes in logistic chain run smoothly



 Final is to improve competitiveness of the port through smooth and quick movement of the cargo

Development of PCS (3/4)

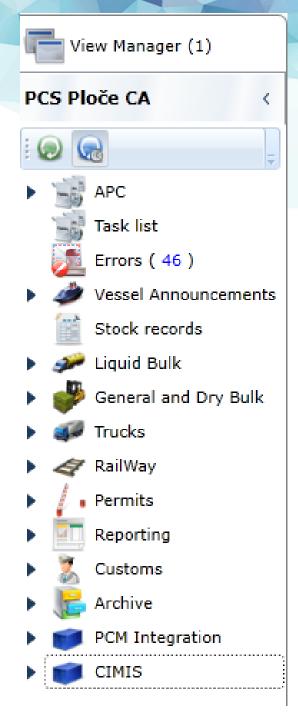
- Exchange of messages with attachments
- Exchange based on XML and UN/EDIFACT;
- Open system, used by all users through defined business process following defined business rules
- Minimal requirements for users without big investments



Development of PCS (4/4)

- Ship arrival and departure; covered by CIMIS now
- Liquid cargo
- General and dry bulk cargo
- Containers
- Railway
- Customs
- Gate in/out procedures
- •

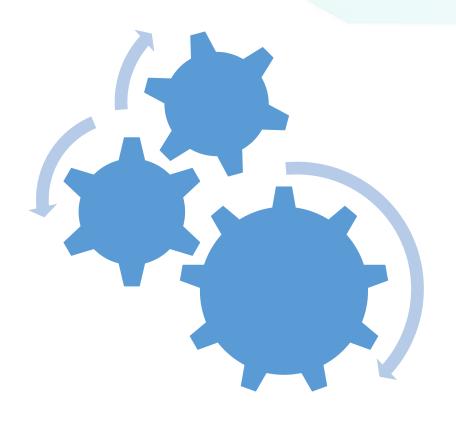




PCS Integration (1/5)

- Why we need integration and talk about integration?
- Integration is needed to share data in automatic way if we want to follow single window concept
- There are many systems and "single windows", but there is no synergy and they are for them self
- In the end, from user's point of view, user has multiple single windows ©

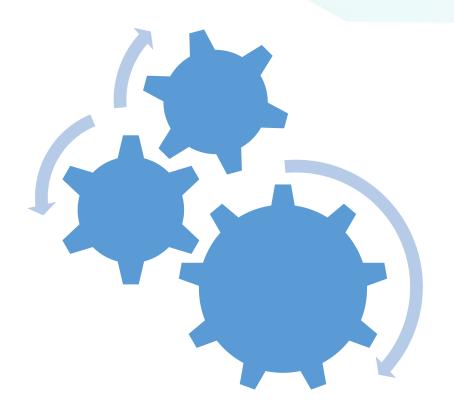




PCS Integration (2/5)

- PCS is about to be integrated with Terminal operating system
- In PCS system we will have all data related to container movements following needed business processes to share with TOS; Integration is not still in production
- PCS Ploče has tasted the exchange of data with CIMIS NSW
- The structure of data that has to be exchanged will be defined by Croatian Ministry of Sea, Transport and Infrastructure

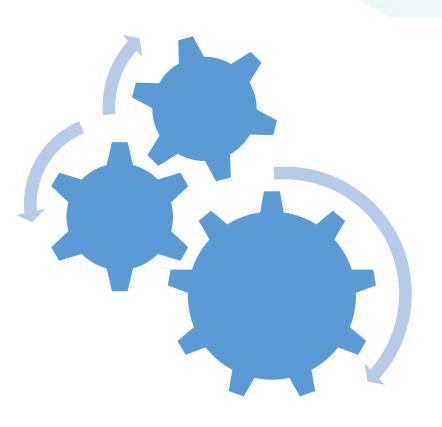




PCS Integration (3/5)

- Development of the new Entrance terminal
 - Control and management system
 - PCS is mandatory for exchange of messages between many subsystems and equipment
 - It is crucial because vehicles must enter to port
 - Entrance terminal will be based on automatic procedures
 - It covered all gate in/out procedures
 - All port users must be part of PCS system to announce vehicles

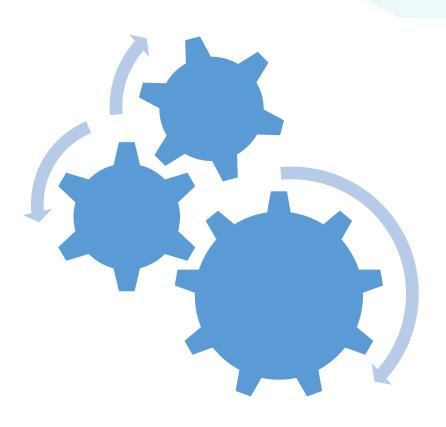




PCS Integration (4/5)

- Development of the new Entrance terminal
 - Gate in/Gate out port entrance security system with parking and booking space management
 - RFID, Video surveillance, ADR and plate recognition. Vehicle announcements
 - Used by Port security for entering data about trucks and drivers.
 - Security will be more covered with PCS
 - Data regarding gate in/out procedures will be shared with customs



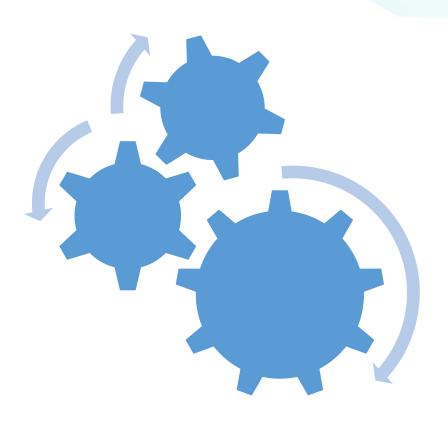


PCS Integration (5/5)

 Development of new Entrance terminal and development of many automated procedures, needs for better control and exchange of information has result with integration between PCS and SAP system

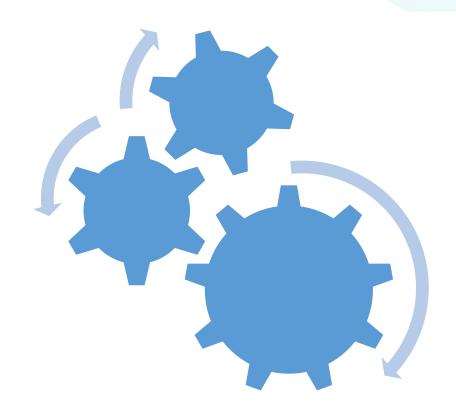
 Integration will be done next month and will result that process will be started in SAP and data will be exchanged with the PCS Ploče





Web interface to share data

- Data shared through web interface
- To share data with CIMIS
- PCS must act as local single window for logistics to provide share of data on local level between port users and subsystems

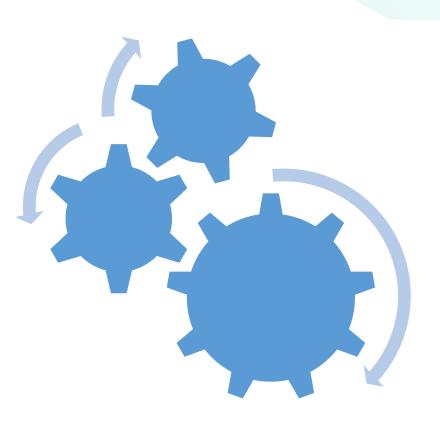




What's next

- PCS could be applied in all port authorities with minor adjustments
- Decision and approval from Ministry of the Sea, Transport and Infrastructure is recommended
- There is an option to have one unified system which will share data with NSW and will be used on local level in all ports
- Architecture will be changed from Silverlight to HTML5
- Many integrations have already been done
- PCS system will cover all basic needs of port users without integration.
- One system to rule them all ©









PCS Vessel Announcemnets

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	Unloading		BENMO - Benzin - motorni	JADROAGENTA	3/	16/2016 12:00:00 PM	BerthAssigned	NTF	PLE-TTT	
	Unloading		DIZEL - Dizelsko gorivo - Eu	JADROAGENTA	2/	27/2016 4:00:00 PM	EndManipulations	NTF	PLE-TTT	
	Unloading		BENMO - Benzin - motorni	JADROAGENTA	2/	18/2016 1:00:00 PM	EndManipulations	NTF	PLE-TTT	
	Unloading		DIZEL - Dizelsko gorivo - Eu	JADROAGENTA	2/	17/2016 8:00:00 AM	EndManipulations	NTF	PLE-TTT	
	Unloading		DIZEL - Dizelsko gorivo - Eu	JADROAGENTA	2/	/8/2016 11:00:00 PM	EndManipulations	NTF	PLE-TTT	
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	Unloading		BENMO - Benzin - motorni	JADROAGENTA	1/	18/2016 11:00:00 PM	EndManipulations	NTF	PLE-TTT	
	Unloading		BENMO - Benzin - motorni	JADROAGENTA	1/	15/2016 8:00:00 AM	EndManipulations	NTF	PLE-TTT	
	Unloading		DIZEL - Dizelsko gorivo - Eu	JADROAGENTA	1/	13/2016 12:00:00 PM	EndManipulations	NTF	PLE-TTT	
	Unloading		PLULJ - Plinsko ulje	CAPRIS	1/	7/2016 12:00:00 PM	EndManipulations	NTF	PLE-TTT	
	Unloading		DIZEL - Dizelsko gorivo - Eu	JADROAGENTA	1/	/3/2016 8:00:00 AM	EndManipulations	NTF	PLE-TTT	
	Unloading		DIZEL - Dizelsko gorivo - Eu	JADROAGENTA	12	2/26/2015 7:00:00 AM	EndManipulations	NTF	PLE-TTT	
	Unloading		DIZEL - Dizelsko gorivo - Eu	JADROAGENTA	12	2/21/2015 9:00:00 PM	EndManipulations	NTF	PLE-TTT	
	Unloading		BENMO - Benzin - motorni	JADROAGENTA	12	2/17/2015 10:00:00 PM	EndManipulations	NTF	PLE-TTT	

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PCS – Vessel orders

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		CARGO DETAILS	ORDERS CARGO	MANIFESTS OPERATIONAL PRO	OGRESS MESSAGES	ATTACHMENTS STANDS	STILLS FREIGHT FORWARDERS	BALLAST WATER
		ORDER NUMBER	DISPOZICIJA TYPE	FREIGHT FORWARER WORKER	TERMINAL OPERATOR	DISPOZICIJA DATE		
	>	1699	ULAZNA	INA	NTF - NTF	6/24/2016 1:51:44 PM	1	
		1700	ULAZNA	INA	NTF - NTF	6/24/2016 1:54:59 PM	1	
		1710	IZLAZNA	INA	NTF - NTF	7/2/2016 12:28:26 PM	1	
		1711	IZLAZNA	INA	NTF - NTF	7/3/2016 7:38:53 AM		



PCS – Message history

	CARGO DETAILS ORDERS CA	RGO MANIFESTS OPERAT	TIONAL PROGRESS	MESSAGES ATTAC	CHMENTS	STANDSTILLS	FREIGHT FORWARDE
	MESSAGE	SENDER ORGANIZATION	SENDER USER	MESSAGE DATE			
>	UNIVERSALETA	JADROAGENTA	vlatko.marusic	6/24/2016 12:57:59	PM		
	UNIVERSALETA	JADROAGENTA	vlatko.marusic	6/24/2016 12:59:21	PM		
	VESSELFREEENTRY	JADROAGENTA	vlatko.marusic	6/24/2016 12:59:45	PM		
	BERTHASSIGNMENT	PLOCE	zeljko.paninic	6/24/2016 1:17:04	M		
	ATA	JADROAGENTA	vlatko.marusic	6/24/2016 1:18:52	M		
	PERMISSIONFOROPERATION	JADROAGENTA	vlatko.marusic	6/24/2016 1:24:03	M		
	VCNCUSTOMSMANIPAPPROVAL	CARINA	asunjic	6/24/2016 8:57:22	M		
	MANIPULATIONSTART	NTF	toncis.marinovic	6/24/2016 10:14:51	PM		
	MANIPULATIONEND	NTF	toncis.marinovic	6/25/2016 10:24:37	AM		
	UNIVERSALETD	JADROAGENTA	vlatko.marusic	7/16/2016 4:54:04	M		
	PERMISSIONTOLEAVE	JADROAGENTA	vlatko.marusic	7/16/2016 4:54:25	M		
	ATD	JADROAGENTA	vlatko.marusic	7/16/2016 4:54:57	РМ		

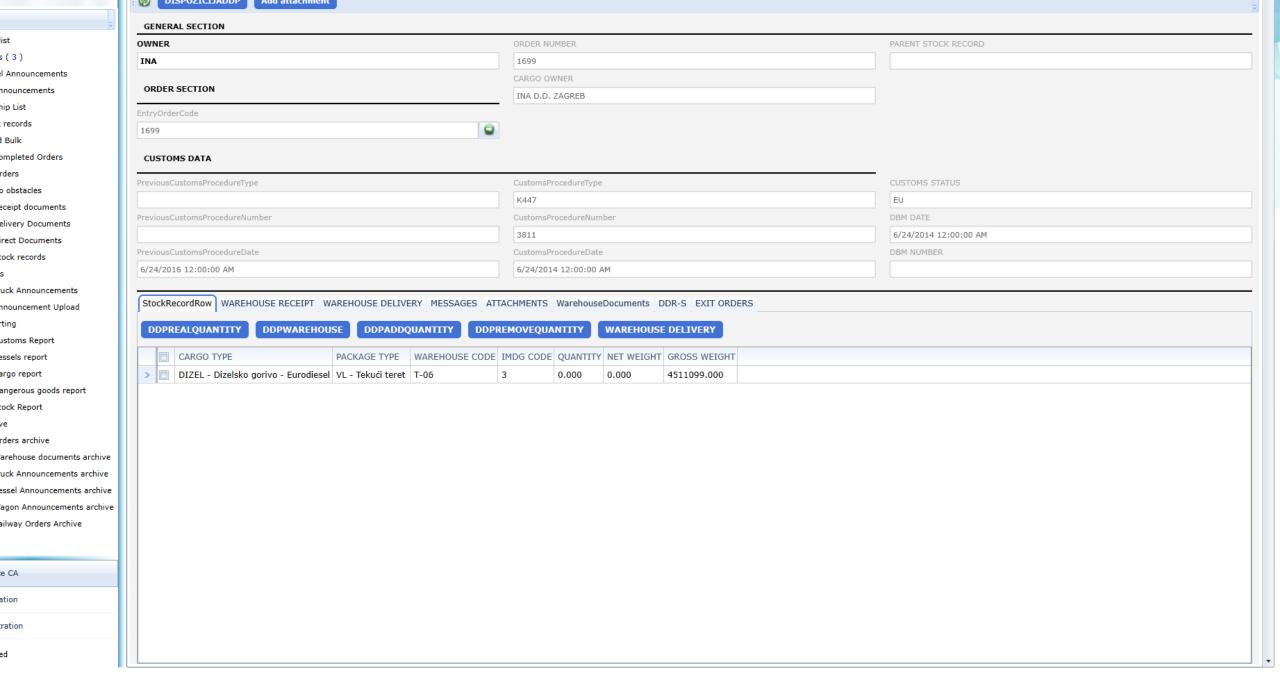
PCS – Attachments

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INA D.D. ZAGREB			
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TERMINAL OPERATOR	CARGO FROM PORT	VehicleDescription	
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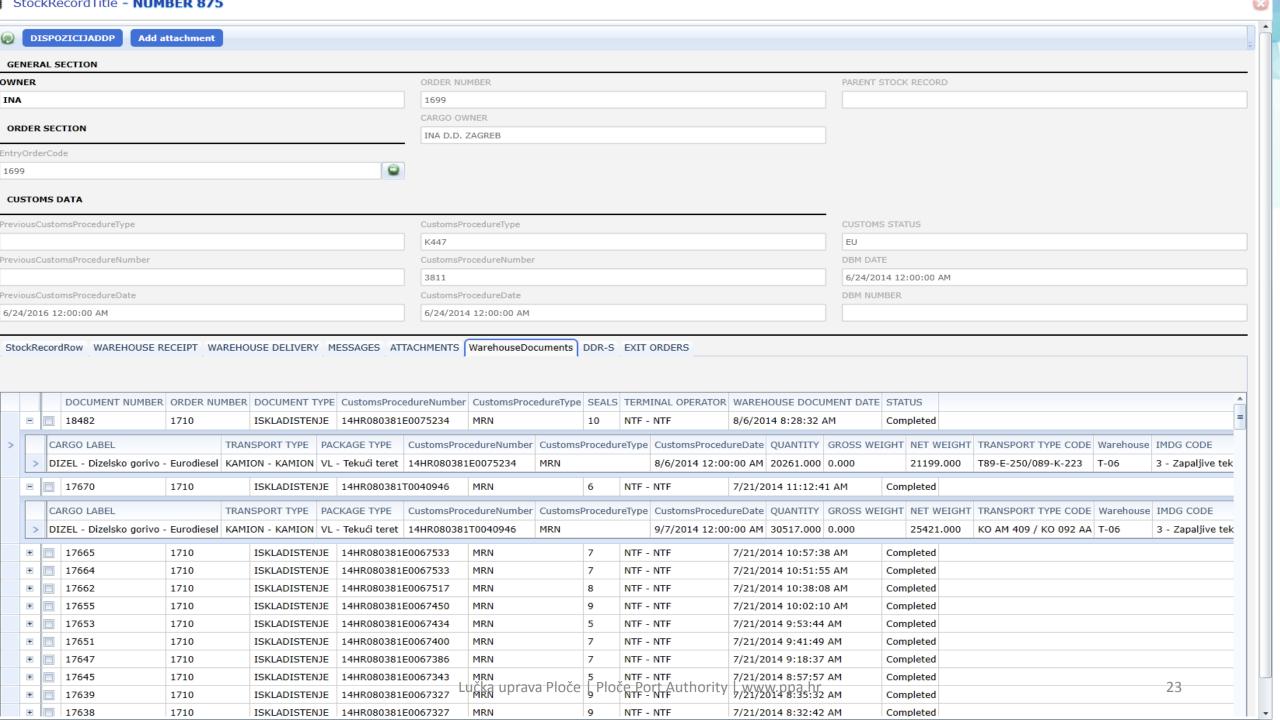
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Receipt documents		43	ISKLADISTENJE	30		NTF	INA d.d. Zagreb	TV AB 219/T	V 038 AA	T-01	DIZEL - Dizelsko gorivo -	30986.0	000	25768.000	0.000			
Delivery Documents		50	ISKLADISTENJE	30		NTF	INA d.d. Zagreb	TV AH 998/1	TV 041 AA	T-01	DIZEL - Dizelsko gorivo -	28979.0	000	24099.000	0.000			
Direct Documents		56	ISKLADISTENJE	30		NTF	INA d.d. Zagreb	TV AA 922/T	V 062 AA	T-01	DIZEL - Dizelsko gorivo -	30999.0	000	25778.000	0.000			
Stock records		61	ISKLADISTENJE	30		NTF	INA d.d. Zagreb	CT AH 348/0	CT 136 AA	T-01	DIZEL - Dizelsko gorivo -	30486.0	000	25352.000	0.000			
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Truck Announcements		64	ISKLADISTENJE	30		NTF	INA d.d. Zagreb	TV AA 697/0	T 133 AA	T-01	DIZEL - Dizelsko gorivo -	30977.0	000	25760.000	0.000			
Announcement Upload		67	ISKLADISTENJE	30		NTF	INA d.d. Zagreb	CT AK 059/0	T 166 AA	T-01	DIZEL - Dizelsko gorivo -	30275.0	000	25177.000	0.000			
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Cargo report		105	ISKLADISTENJE	30		NTF	INA d.d. Zagreb	M60 K 532/A	A83 M 512	T-01	DIZEL - Dizelsko gorivo -	30499.0	000	25363.000	0.000			
Dangerous goods report		164	ISKLADISTENJE	30		NTF	INA d.d. Zagreb	TV AA 922/T	V 062 AA	T-01	DIZEL - Dizelsko gorivo -	30983.0	000	25719.000	0.000			
Stock Report		167	ISKLADISTENJE	42		NTF	INA d.d. Zagreb	TV AH 998/T	V 041 AA	T-01	DIZEL - Dizelsko gorivo -	28976.0	000	24053.000	0.000			
rchive		171	ISKLADISTENJE	42		NTF	INA d.d. Zagreb	A34 J 572/O	01 A 427	T-01	DIZEL - Dizelsko gorivo -	29995.0	000	24899.000	0.000			
Orders archive		176	ISKLADISTENJE	42		NTF	INA d.d. Zagreb	620 M 392/6	520 M 391	T-01	DIZEL - Dizelsko gorivo -	9496.00	00	7883.000	0.000			
Warehouse documents archive		177	ISKLADISTENJE	42		NTF	INA d.d. Zagreb	620 M 392/6	520 M 391	T-01	DIZEL - Dizelsko gorivo -	10997.0	000	9129.000	0.000			
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Ploče CA		215	ISKLADISTENJE	42		NTF	INA d.d. Zagreb	097-J-969/4	18-A-2199	T-01	DIZEL - Dizelsko gorivo -	23992.0	000	19915.000	0.000			
		226	ISKLADISTENJE	42		NTF	INA d.d. Zagreb	K61 M 417/7	T32 T 680	T-01	DIZEL - Dizelsko gorivo -	31039.0	000	25766.000	0.000			
aboration		239	ISKLADISTENJE	42		NTF	INA d.d. Zagreb	E29-K-715/0	001-A-402	T-01	DIZEL - Dizelsko gorivo -	30701.0	000	25485.000	0.000			
iinistration		244	ISKLADISTENJE	42		NTF	INA d.d. Zagreb	TV AA 922/T	V 062 AA	T-01	DIZEL - Dizelsko gorivo -	31000.0	000	25733.000	0.000			
		246	ISKLADISTENJE	42		NTF	INA d.d. Zagreb	546-T-140/1	163-E-226	T-01	DIZEL - Dizelsko gorivo -	30487.0	000	25308.000	0.000			
nected		COUNT: 9253				Lučka uprav	a Ploče Ploče	Port Au	ıthority	/ www.ppa.hr		4,338,6	05.00	4,884,007.00		26		