



**MONTENEGRO**  
**MINISTRY OF FINANCE**  
**CUSTOMS ADMINISTRATION**

**- Single Window & Data Sharing -**

# MCA

## Single Window & Data Sharing

### TASK for

### IT department

- Technology / IT issue ?
- Initiative started from the technical level ?

# **MCA IT CUSTOMS SYSTEM**

## **Single Window & Data Sharing**

**- current state -**

# CIS - Concept

## Three-tier architecture:

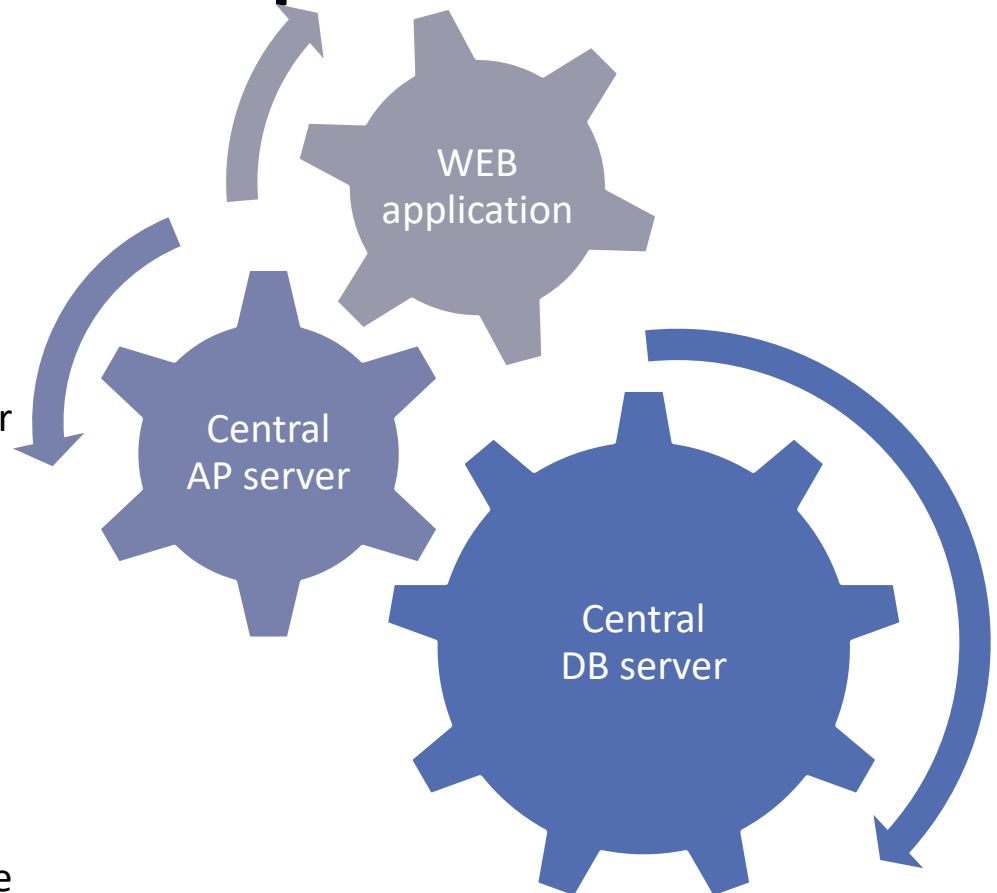
- thin client – web browser
- Application server Oracle 10g
- Relational database Oracle 11g

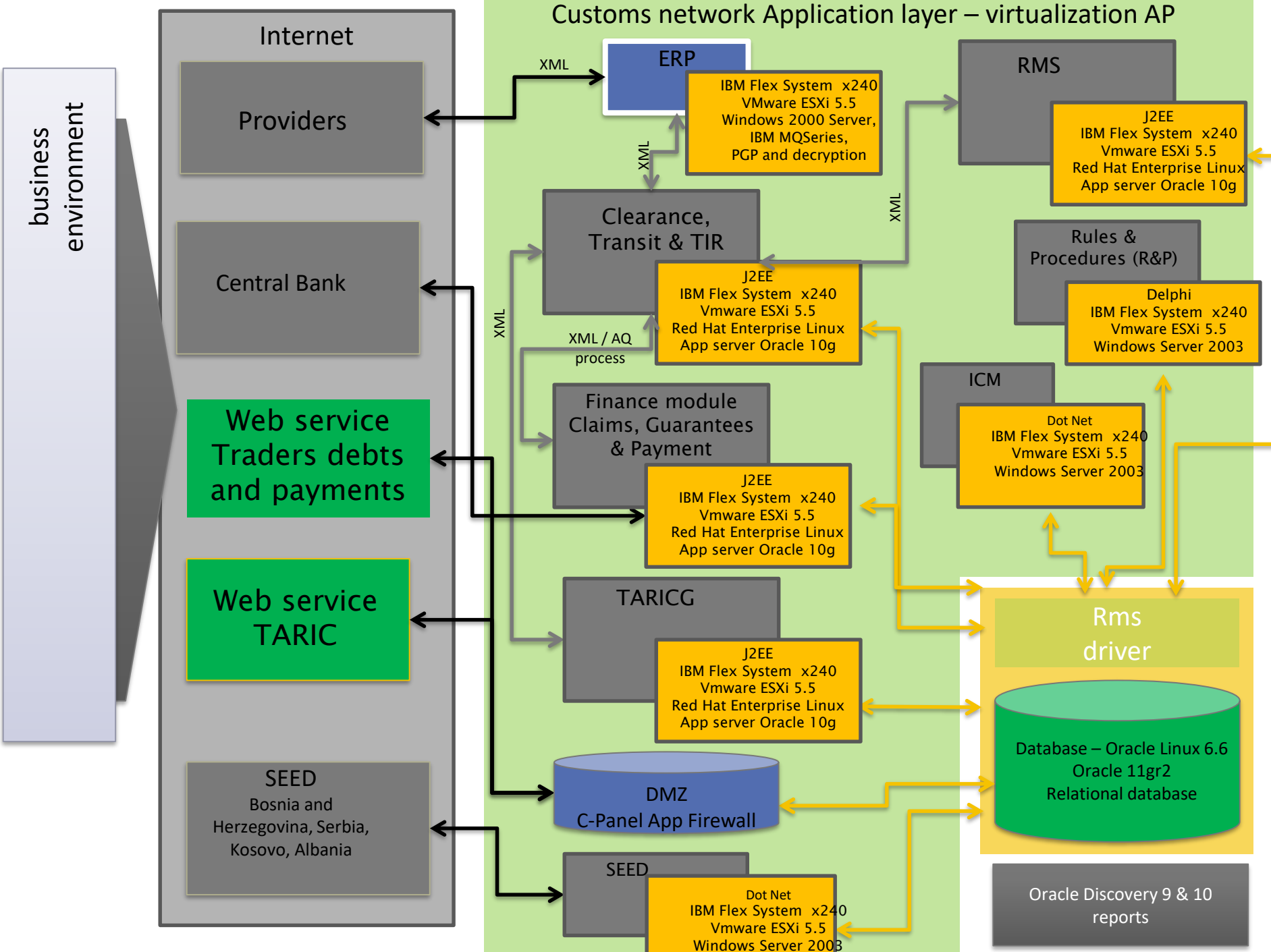
## J2EE environment:

- JSP, BC4J (Business Components for Java)
- JDeveloper development environment

## System platform

- IBM Flex System Enterprise
- VMware ESXi 5.5
- Red Hat Enterprise Linux AS release 4 (Nahant Update 4)
- Application software Oracle 10g
- Relational database Oracle 11g





# CIS – Modules

- 01/04/2003 – Customs clearance and Transit
- Every 1 January new CN (harmonized on 8-digit level)
- 25/05/2006 – Electronic exchange of data for customs clearance
- 01/07/2007 – Financial module (electronic inflow and automatic updating of guarantees)
- 15/01/2008 – TIR Carnet
- 03/12/2008 – Claims, loads, and payments (e-service for traders)
- 17/08/2009 – SEED national (Exchange of data on goods with neighbouring countries (Bosnia and Herzegovina, Serbia, Kosovo, Albania))
- 01/01/2010 – TARICG (v2) national
- 11/05/2010 – Electronic exchange of data for Transit
- 10/06/2011 – ICM (Application for Internal control)
- 01/06/2012 - SPP (System of business rules, SAD control system)
- 01/03/2013 – RMS risk analysis
- From 24/04/2007 – RMS (only for import procedures)
- 01/06/2013 - Simplification on the basis of entry into the bookkeeping records (paperless)
- 01/11/2013 – Automatic signing
- 15/02/2015 – Excise system
- 2016 – Risk Management Register

# CIS – Modules



# ● Interconnections/DataSharing - Customs Administration of Montenegro



CUSTOMS ADMINISTRATION OF MONTENEGRO

Administration for Medicinal Products and Medical Devices of Montenegro  
 Ministry of Justice - RNKiPE  
 Ministry of European Integration  
 IRU Geneve TIR  
 SEED SR, AL, BH, KSV  
 Human Resources Management Authority - KIS



# From Data Sharing to Single Window ?

## Questions, Questions,....

- What is a Single Window? who are stakeholders in SW project ?
- On government or trade side? BOTH – Unique platform
- + NATIONAL + EU ?
- Using the right standards WCO Datamodel ?
- Optimize things! Do not just digitalise.
- ....



## MCA - Next first steps

- CEFTA AP5 and Technical Annexes adopted; **SEED+** (+ *TRACES?*)
- EU Single Window Environment for Customs

# CEFTA AP5, SEED+,

- **Customs Administrations**
- **Phytosanitary Authority**
- **Veterinary Authority**
- **Agency for Medicines and Medical Devices**



# EU Single Window Environment for Customs

## 1. EU SW-CVED – validation of the

- Common Veterinary Entry Document (CVED) for animals and animal products,
- Common Entry Document (CED)

## 2. EU Customs SW: Certificates Exchange

- expansion of scope of the EU SW-CVED with additional certificates, as well as enhanced functionalities

## 3. EU SW environment for Customs

- In parallel with previous two activities a Customs 2020 Project Group has been set up to study a possible framework to develop the EU Single Window environment for Customs including its legal aspects.





# WCO Data Model - EU Customs Data Model

From EUCDM GUIDANCE DOCUMENT

## ***EU Customs Data Model***

***The EUCDM is the data model for Customs trans-European systems such as NCTS, AES, ICS and for Member States national systems.***

***The EUCDM also contains the mapping of these data requirements against the WCO Data Model. This mapping serves the following main purposes: [?]  
To provide evidence that the EUCDM is fully compatible with the WCO Data Model.***

**THANK YOU FOR YOUR ATTENTION!**

milan.martinovic@carina.gov.me