



MACEDONIAN E-BUSINESS SERVICES ROADMAP

Celebrating 10 years of continuous reforms

AGENDA

- The problem
- The strategy
- The institution
- One Stop Shop
- The e-business framework
- European initiatives



10 YEARS BACK, SETTING THE STRATEGY

○ Pointing out the problem, 1998/1999

- Inefficient business registration and administration procedures
- Dispersed and fragmented data with terrible quality
- No easy access to updated accurate information
- Inefficient institutions, no legal mechanism
- **Lack of reliability (both data quality and legal protection)**

○ The long term strategy 1999-2009

- Legal reform
- Establishment of institution
- Establishment of national scalable ICT infrastructure
- Centralization and purification of data
- Data distribution services to the public
- **ACHIEVING RELIABILITY ON EVERY LEVEL!!!**



KEY DATES

- 1999/2000 – Register of Pledge, core of the national ICT infrastructure, first internet data distribution system
- 2000/2001 – establishment of the Central Register, Register of Legal Entities
- 2002/2003 – establishment of Register of Annual Accounts and Register of Leasing
- 2006 – establishment of Trade register and commercial Distribution system with the One Stop Shop Project
- 2008 – e-Submission of Annual Accounts

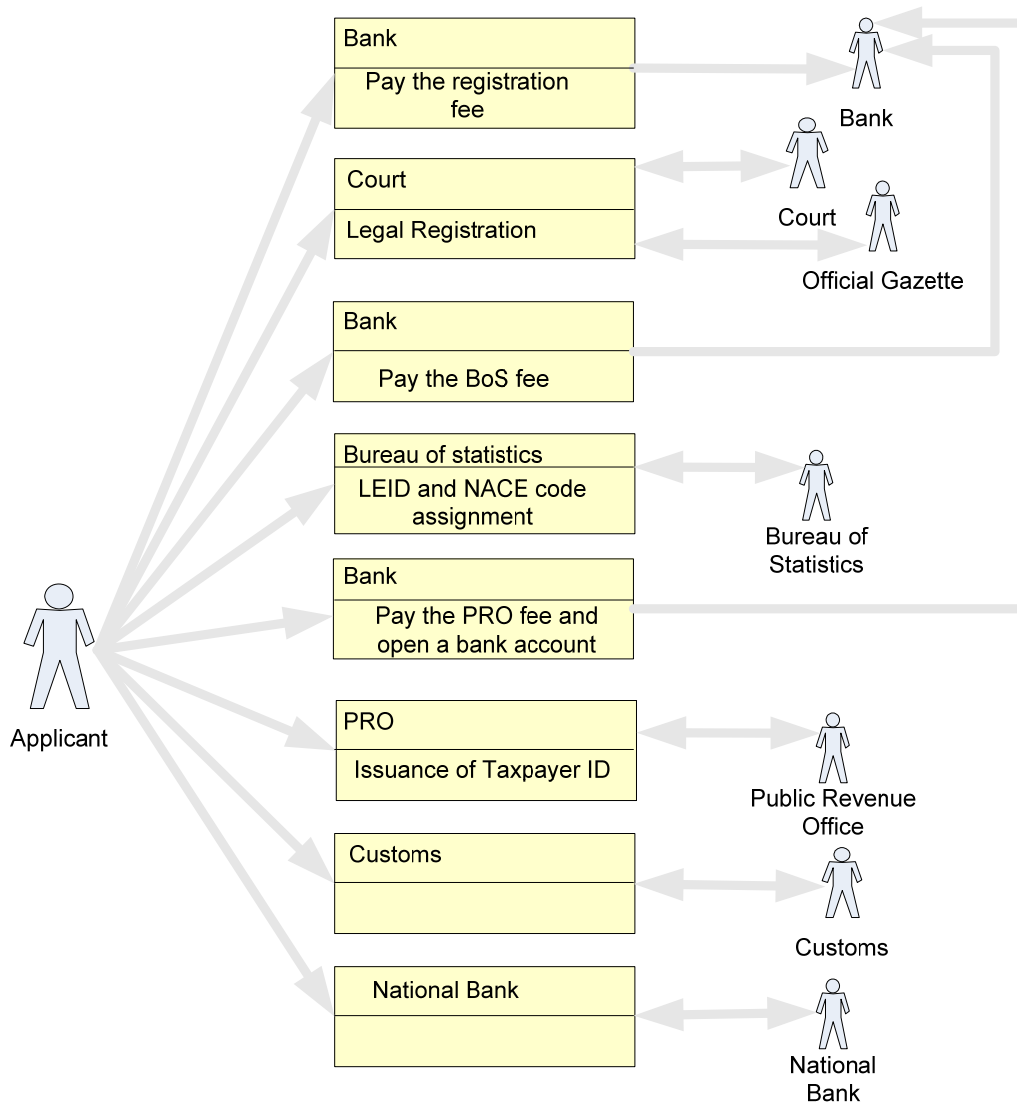


CENTRAL REGISTER INSTITUTION

- Currently the Central Register administers 9 registry systems:
 - One Stop Shop system for registration of companies and other legal entities
 - Register of pledges on moveable rights and assets
 - Register of leasing
 - Register of rights on immovable property
 - Register of investments in immovable property
 - Register of annual accounts
 - Register of direct investments
 - Address Register
 - Register of working time
- Organization
 - 30 regional offices
 - 300 professional staff



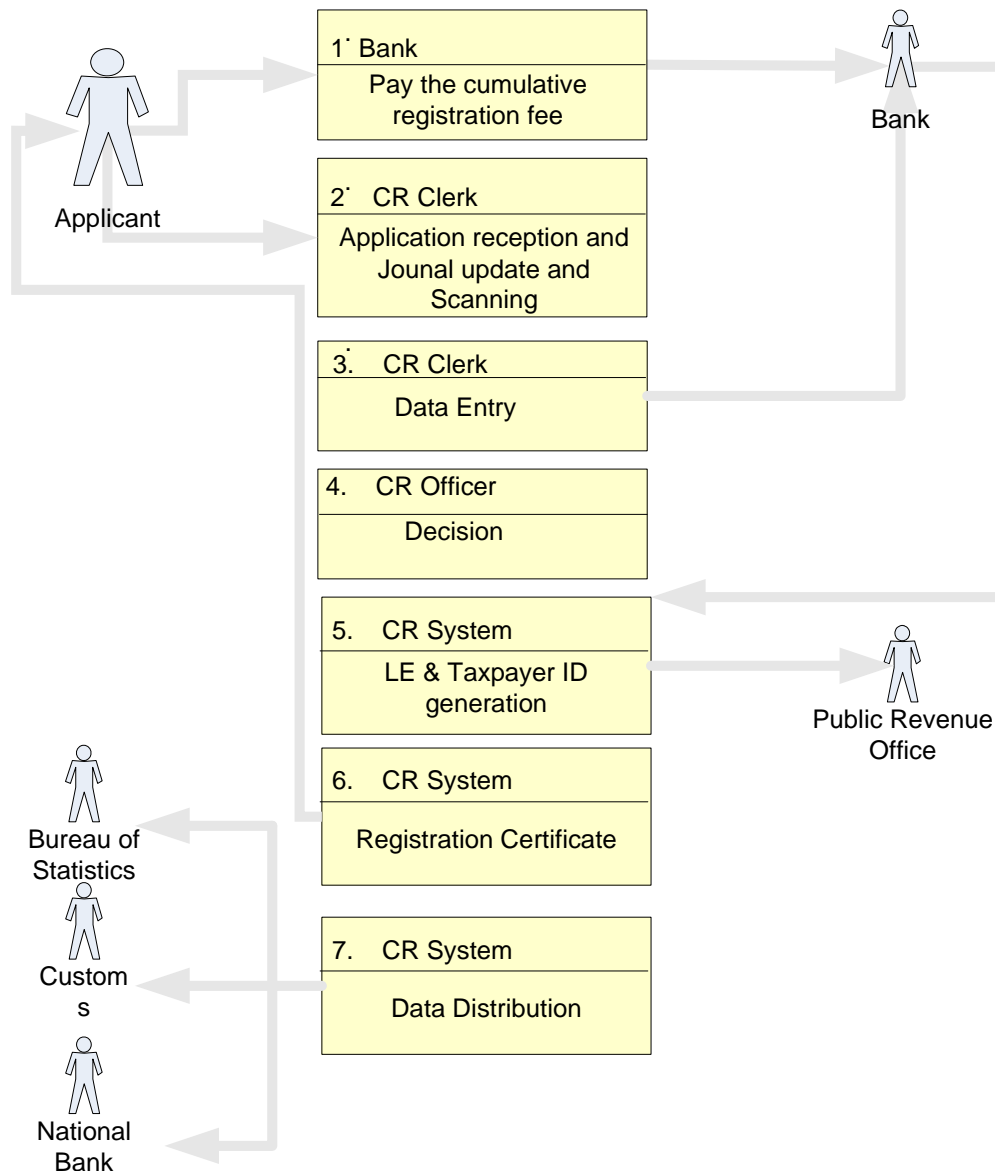
THE REGISTRATION PROCESS – PRE OSS



- The Firm is protected on regional level only
- Registration time – 48 days or more
- Information is public but accessible from the courts only
- Registration costs – over 300 USD
- Each of the registration bodies requires 75% of the same information.



THE REGISTRATION PROCESS - OSS



- One point access for the customer
- Data entry at one place (for everybody)
- Automatic data exchange between the OSS actors
- Distribution of data to the public and various governmental institutions



DATA MANAGEMENT AND PURIFICATION

○ Initial data conversion

- Data entry of court paper cases into digital records within 6 months
- Setting unique identifiers
- Data confirmation procedure by the companies

○ Continuous data quality improvement

- Differentiation between active and inactive businesses:
 - Unproven data converted from the court records
 - Omitting of submission of annual account
- Purification of data by utilization of shadow registers



NATIONAL REGISTRY INFRASTRUCTURE

○ **The principles**

- Centralize information and procedures on national level (legislative and system wise)
- Build
- Extend
- Reuse

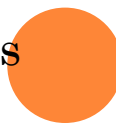
○ **Registry centric design**

- Collect data
- Apply business rules and process
- Data management and purification
- Distribute data

○ **Central Register as national ICT focal point**

- Manageable infrastructure
- Common backend solutions
- Experienced staff
- Largest Disaster Recovery Center in Macedonia
- Open but secure e-filing (usage of digital certificates)
- E-Payment service
- Data distribution system

○ **Why everyone wants to get attached to it?**

- Success story and proven results
 - Adding additional registries fast and inexpensive
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E-BUSINESS SERVICES FRAMEWORK

- Prerequisites
 - Structured and accurate data
 - Clear procedures and business rules
- Technology principles
 - Web oriented services
 - Generic form and rules management
 - Digital signatures for validation of electronic submissions
 - E-Payment mechanism for collection of fees



E-BUSINESS SERVICES

- Current solutions
 - E-submission of annual accounts
 - Reservation of names of companies
 - Commercial distribution system
- Under development
 - e-Filing of company registration
 - Integration of additional institutions in the One Stop Shop process
 - e-management of bankruptcy and liquidation procedures
 - e-filing of pledge and leasing contracts
 - National meta database project



PAN-EUROPEAN TECHNOLOGY INITIATIVES

- European Business Registry (www.ebr.org)
 - Macedonia recently became 19th country member
 - Opening of Macedonian business data to the European investors
 - Providing European business data to interested Macedonian business partners
- Business Registry Interoperability Throughout Europe (www.briteproject.net)



Thank you for your attention

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