

FARMER'S PORTAL FOR THE MINISTRY OF AGRICULTURE - DEPARTMENTAL REGISTERS MADE AVAILABLE TO PUBLIC

CUSTOMER DESCRIPTION

Farmer's Portal was created for The Ministry of Agriculture of the Czech Republic.

The Ministry of Agriculture is according to Acts No. 2/1969 Coll. and 272/1996 Coll. the central authority of state administration for agriculture, excepting the preservation of agricultural land fund, for water management excepting preservation of natural water accumulation, preservation of water sources and preservation of water quality, and for food industry. It is also a central state authority administering forests, hunting and fishing outside the territory of national parks.

The Ministry of Agriculture is also a governmental authority of administration in the matter of stock exchanges of commodities, which organises trading with commodities coming from agricultural and forest industry, furthermore in the matter of veterinary and plant-care, of protection of animals against cruelty, and of protection of rights to new plant varieties.

The Ministry of Agriculture administrates the Czech Agricultural and Food Inspection, the State Veterinary Administration of the Czech republic, the State Board of Plant-Care, and the Central Institute for Supervising and Testing in Agriculture, the Czech breeding inspectorate, and the Czech Inspection for Improvement and Breeding of Farming Animals.

To facilitate communication with the public, Ministry of Agriculture has got 66 regional branches – agricultural agencies. Since 1.1.2003 also Land Settlement Offices got under the administration of the Ministry of Agriculture within the scope of transfer of competencies.



INITIAL STATUS

The Ministry of Agriculture and the authorities the Ministry administrates use in conformity with valid legislation many departmental registers. They are among others Animals Register, Vineyards Register, Hop-gardens Register, Intensive Orchards Register, Agricultural Entities Register and others.

All these registers are administered in electronic way and before launching Farmer's Portal were not available to public.

Agricultural entities need to know data from departmental registers mainly for processing of requests for subsidies. In the past, farmers could get needed information only through paper printouts from registers, which presented time-consuming and expensive agenda.



In addition, valid legislation requires agricultural entities to report many statements and notifications to departmental registers. Not until the creation of Farmer's Portal it was

possible to realise these reports in electronic way.

TARGETS OF THE SOLUTION

The main objectives of Farmer's Portal launching were:

- Disclosure of information from departmental registers to public.
 - in conformity with valid legislation
 - in conformity with regulations regarding personal data protection
 - in conformity with security measures of the Ministry of Agriculture
- To enable agricultural entities submitting obligatory statements and notifications in electronic way
- To make available all information needed especially for submitting requests for subsidies and other useful information on one web address.

USED TECHNOLOGIES

For realisation of Farmer's Portal [Oracle](#) technology was chosen, specifically the product of Oracle Portal built on the newest version of Oracle 10g Release 2 database and Oracle AS 10g application server.



All the Oracle technology was installed in Nagano hosting centre, which is administered by company Telefónica O2, Czech republic.

At the same time, during installation a complete communication infrastructure including LDAP server was prepared as part of Oracle Internet Directory, which is used as a deposit of identities, SSO (Single Sign-On) server, which secures only one login to all registers.

Component of solution is also the usage of Oracle RAC (Real Application Cluster) technology.

SOLUTION DESCRIPTION

Complexity of solution consisted mainly in heterogeneous environment of departmental registers.

Registers are solved by different suppliers with different technologies and with their own administration of user identities.



Therefore the following issues had to be solved during the project:

Uniform identities administration – LDAP

All registers had to achieve target condition, where the identity of users is verified against identities deposit – LDAP server of The Ministry of Agriculture. Users still have only one login and password for registration to all departmental systems that are published at Farmer's Portal.

The only login to all registers – SSO

The target was that a user logs in only once – to Farmer's Portal. After logging in all the registers must be available without need to submit login and password again.

SSL server secures authentication of user in registers.

All suppliers of registers thus had to secure authentication of users in cooperation with SSO server of The Ministry of Agriculture.

Access to registers through Internet public network

Before Farmer's Portal was launched, departmental registers were available only through internal network of state administration GovNet.

Farmer's Portal had to secure access of users from public to their data from registers through Internet public network.

Target solution was audited by the guarantee of information security of the Ministry of Agriculture, company BDO IT a.s..

Electronic Registry

The component part of Farmer's Portal is also electronic registry, which was realised by company PDS, s.r.o.

This electronic registry communicates with SSO server for authentication of users, with LDAP server for verification of identity of the submitting entity and also with individual registers for needs of the submission. For electronic

submission the certificate of electronic signature is necessary.

Farmer's Portal – public part

Also without logging in the Farmer's Portal provides useful information.

The information is unrelated to personal data or is made public by law.

For example:

- List of contacts to Agricultural Agencies and Land Settlement Offices
- List of grantees including information about the amount of subsidies granted
- Up-to-date on-line maintained overview of presence of harmful organisms in our territory (maintains State Phytosanitary Administration)
- Instructions for electronic registry with the possibility to test electronic submission
- Overview of situation and perspective reports on individual commodities

Farmer's Portal – non-public part

It is possible to obtain login and password to non-public part of Farmer's Portal free of charge at every Agricultural Agency or Land Settlement Office.

After logging in further information from departmental registers will become available to users. Always only such information displays which is related to the logged person.

For example:


- Farmland Register
- Animals Register
- Orchards Register
- Hop-gardens Register
- Vineyards Register
- The State Agricultural Intervention Fund
- Support and Guarantee Fund for Farmers and Forestry
- Electronic Registry



Farmer who wishes to use electronic registry must register his certificate of digital signature in Agricultural Agency or Land Settlement Office.


During this process the identification of the certificate is implemented into the structures of LDAP server.

Farmer's Portal is available at web address www.farmar.eu



PORTÁL FARMÁŘE

MINISTERSTVO ZEMĚDĚLSTVÍ



PŘIHLÁŠIT
UŽITEČNÉ ODKAZY
ZEMĚDĚLSKÉ AGENTURY
SITUAČNÍ ZPRÁVY
ELEKTRONICKÉ PODÁNÍ

ODKAZY REGISTRY	ZEMĚDĚLSKÉ AGENTURY								
	Typ	Název	Ředitel	Ulice	Místo	Psc	Telefon	Fax	Email
Registr zem. podnikatelů Registr příjemců dotací Mapa škůdců	ZA	BENEŠOV	Ing. František Tůma	Žižkova 360	Benešov	256 35	317830930, 317830931, 317830932-35	317723174	za_benesov@mze.cz
HELP DESK V případě technických problémů s portálem farmáře volejte v pracovní dny od 08:00 do 17:00 hodin na číslo +420 222 312 977 nebo pište na: helpdesk@mze.cz.	PU	BENEŠOV	Ing. Lumír Vodolán	Poštovní 2079	Benešov	256 35	317755248	317721471	pu_benesov@mze.cz
Copyright © 2006, MZe ČR, všechna práva vyhrazena Realizace: CCV Na portálu se dělí podlejí tyto organizace: PDS, AQUASOFT, SITEWELL, TELEFÓNICA O2 a OMNICOOM Optimalizováno pro rozlišení 1024 x 768 a vyšší	ZA	BEROUN	Ing. Miroslav Hrubý	Pod Hájem 324	Králov Dvůr	267 01	311653083, 311653092, 311653084	311637152	za_beroun@mze.cz
	PU	BEROUN	Ing. Jiří Pacovský, CSc.	Pod Hájem 324	Králov Dvůr	268 01	311653081	311622351	pu_beroun@mze.cz
	ZA	BLANSKO	Ing. Jaroslav Borek	Poříčí 18	Blansko	678 42	516418769, 516417401, 516417402	516418769	za_blansko@mze.cz
	PU	BLANSKO	Ing. Stanislav Skřípský	Poříčí 18	Blansko	679 42	516417402	516416984	pu_blansko@mze.cz
	ZA	BRNO	Ing. Vladimír Ryšavý	Kotlářská 53	Brno	602 00	547103444, 547103441, 547103440	549259391	za_brno@mze.cz
	PU	BRNO-MĚSTO	Ing. Ladislav Vejvoda	Traťová 8	Brno	619 00	602447261, 547103466, 547212453	547103480	pu_brno@mze.cz
	PU	BRNO-VEŇKOV	Ing. Petr Grmela	Traťová 8	Brno-venkov	619 00	547103433	543103430	pu_brno_venkov@mze.cz

One of the public pages of Farmer's Portal



THE PROJECT SCHEDULE

Deadline	Description
February 2006	Initial negotiations, project preparation, contract signing
March 2006	Analysis and portal design
April 2006	Portal infrastructure preparation
May 2006	Portal implementation, tests
September 2006	Beginning of the 2 nd stage – electronic registry
November 2006	Finalisation of the 2 nd stage – routine operation of electronic registry

BENEFITS OF THE SOLUTION

Agricultural entities benefited from:

- on-line access to their data in departmental registers
- possibility to submit obligatory statements and notifications in electronic way
- one access point to departmental information (especially for preparation of applications for subsidies).

The Ministry of Agriculture benefited from:

- Uniform administration of identities – LDAP
- Integration of registers applications – SSO, utilisation of common classifier of entities
- Simplification of reception of obligatory statements and notifications agenda

TARGET STATUS - SUMMARY

The implemented solution enabled to prepare the new service for customers in a very short time

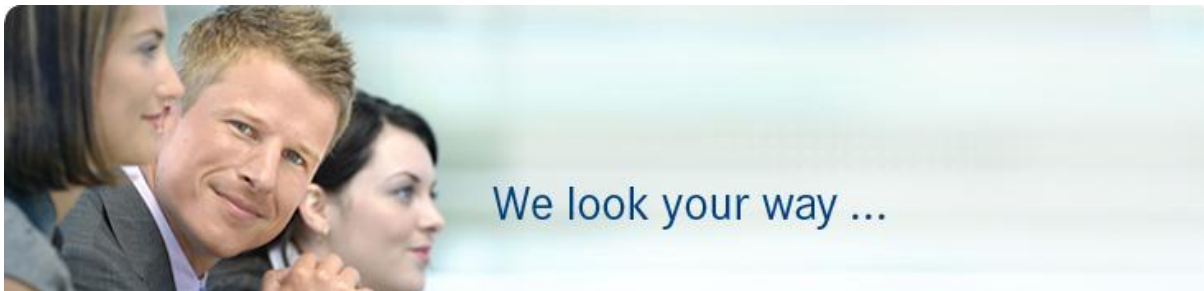
Preparation of requests of agricultural entities for subsidies was simplified, important information from registers can be found on-line at Farmer's Portal.

Moreover, correct information from registers is needed in many other processes, for example change of grower, grapes purchase and so on.

Farmers can fulfil their legal obligation more easily – submitting statements and notifications. Electronic submission means costs saving – in the past there were often hundreds of pages needed within one submission.

Farmer's Portal presented another step towards integrated information system of state administration.

The whole solution can be described as a solution, which fulfils the concept of e-Government.



CONTACTS

Developer



CCV, s.r.o.
Libušina třída 23
623 00 Brno
Czech Republic

tel. +420 541 212 199
fax +420 541 217 969

<http://www.ccv.cz>

RNDr. Jan Škerle, jan.skerle@ccv.cz
Project Manager

Customer

The Ministry of Agriculture
of the Czech Republic
Těšnov 17
117 05 Praha 1
Czech Republic

tel. +420 221 811 111
fax +420 224 810 478

<http://www.mze.cz>

RNDr. Vladimír Dragan, dragan@mze.cz
Director of central workplace of registers of MoA

