

Agile Technology. Peace of Mind.



Agenda

- About Torn Ltd
- jPALIO Technology Platform
- Selected References
- Live Demo & Discussion



Torn Ltd.

Torn Ltd. has been established in 1997 as an IT/TELCO consulting company helping their clients to deploy and to implement IT/TELCO hi-tech solutions.

In 1999 as a consequence of the Y2K hysteria the first PALIO running on the Oracle OAS, using mod_plsql module - web based solutions oriented, rapid development ready environment has been designed and successfully used in the commercial project.

POWERED BY



¡PALIO

Torn Ltd.

In the coming years Torn is going to expand its operations outside the Poland especially focusing all efforts on finding the new foreign partners and clients.

- Aviation and Airports
- Public Administration
- Education
- Telecommunication
- Real Estate
- Retail
- Banking & Finance
- Process Automation



jPALIO Technology Platform

The jPALIO technology platform (*java Portal All In One*) can be used to develop solutions for all industries.

- Universal Data Bus, Intelligent Servlet
- Applications & Systems Integration including SCADA
- Business Processes' Modelling
 - Workflow, Document flow
 - Single Sign-On
 - Portal system & CMS
 - All databases
 - All operating systems



jPALIO Technology Platform

**jPALIO is
cheaper:
shorter
development,
cheaper
technology
environment**

„Zero Downtime“. We do not need to „stop“ production environment to „upload“ new application versions.

Business Processes are very easy to implement.

True business-focused technology.

Unique scalability: from notebook to supercomputers (eg. IBM Mainframe)

Full and painless integration with any recognised operating systems, databases, etc.

Why „All In One”?

- Engine – universal data bus.
- jDesigner – application code management tool.
- CMS – content management module, WYSIWYG editor.
- Workflow – process definition and management/running.
- Modules for building forms, reports; PDF generator.
- Built-in authorisation, authentication, privileges and roles mechanism.
- SQLConnector manager – JDBC connections servicing system, pooling, transactions, maintaining consistency between different databases.
- Scheduler – running background processes, monitoring.
- Internet shop, AdServer – ad banners.
- Mail, Forum, maps, newsletter, WebServices, LDAP.

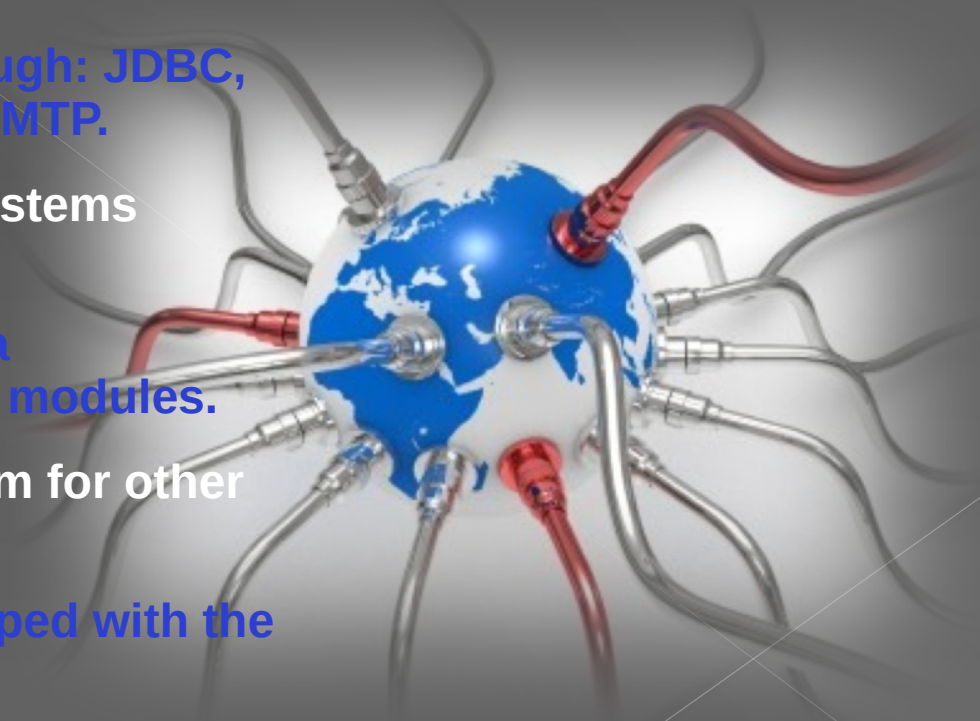
Security

- Preset complexity password system, cyclical enforcement of password change, one-time passwords, PKI.
- Encrypted password storing.
- System's users' activity monitoring.
- No possibility of change variables sent in the address bar through the use of control sums.
- Supports SSL, electronic cards and tokens.
- Access restricted by the roles built from privileges; roles assigned to users in the context of organisational regions/units.
- No need for continuous technical supervision of a system – malfunction monitoring.
- Backup Connector – data security.



Application Availability

- Through WWW browser and Java applications.
- No need to install and maintain applications on hundreds of user computers.
- Access to other IT systems through: JDBC, Java, files, LDAP, XML, TCP/IP, SMTP.
- Independence from operating systems (Windows, Unix, Linux).
- Dynamic content and multimedia management through specialised modules.
- jPALIO as the integration platform for other solutions – data bus.
- Can be managed by users equipped with the basic understanding of IT.



Flexibility & Scalability

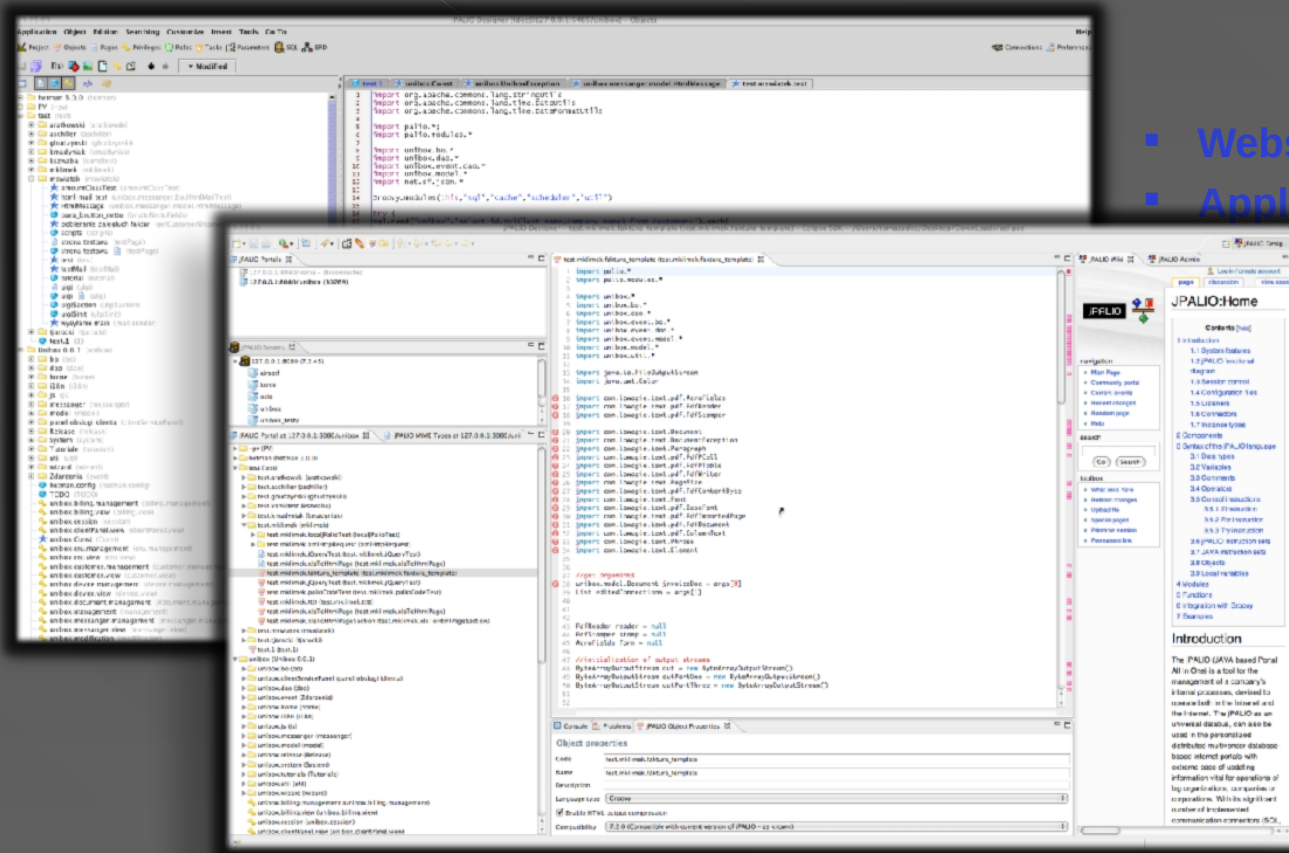
- Includes RAD-type tools (Rapid Application Development) – rapid development and implementation of new functionalities.
- Application code stored in a database, automatic versioning.
- Running of a new version of an application or a patch does not require system restart.
- Full monitoring of threads' states.
- Possibility to work in a cluster structure with load-balancing.
- Communicates with any database, ensures high performance and robustness – connection pooling (Oracle, DB2, PostgreSQL, SQL).
- Ease of modification and further development of application code – automatic recompilation.
- Groovy as the language for creating business logic.



Development Environment

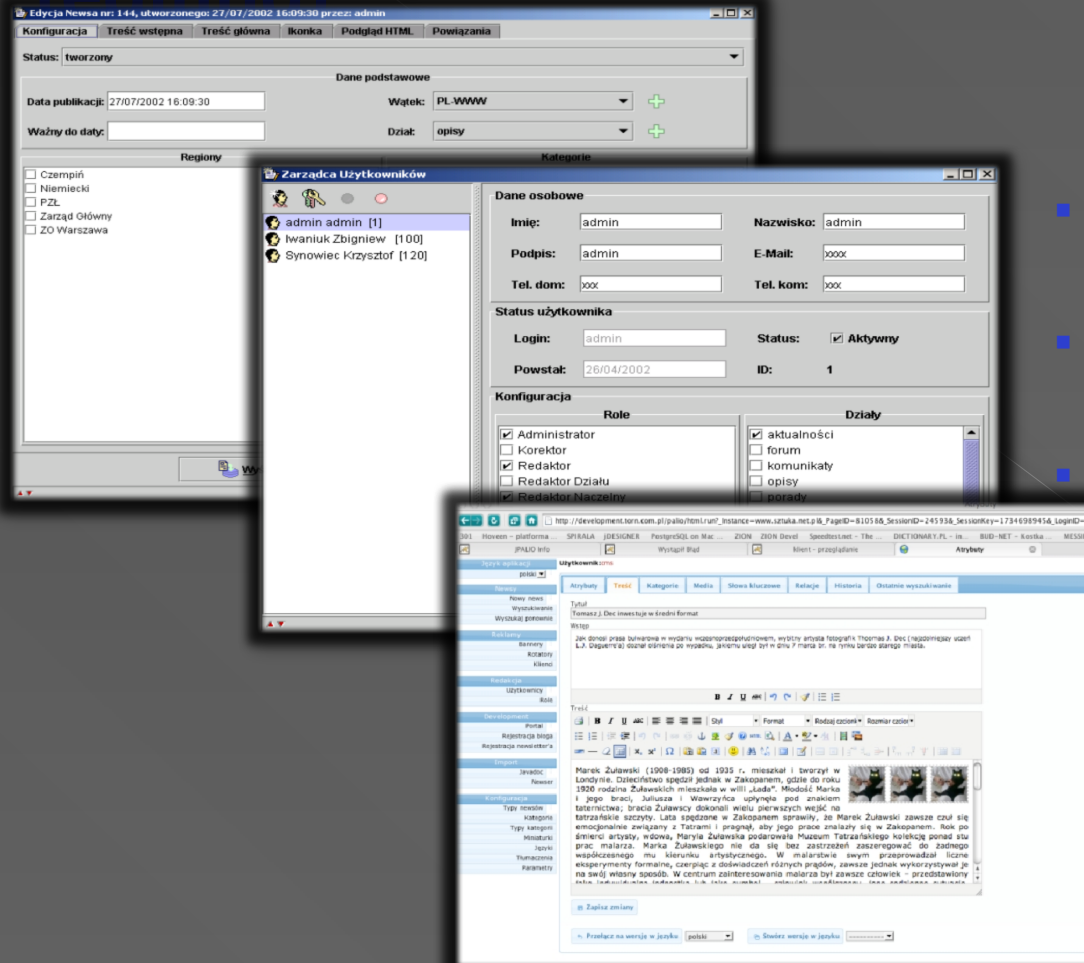
jDesigner as a tool for rapid application development and prototyping:

- Website definition
- Application code development from objects
- Edge and access
- tion
- alone or Eclipse integrated plugin



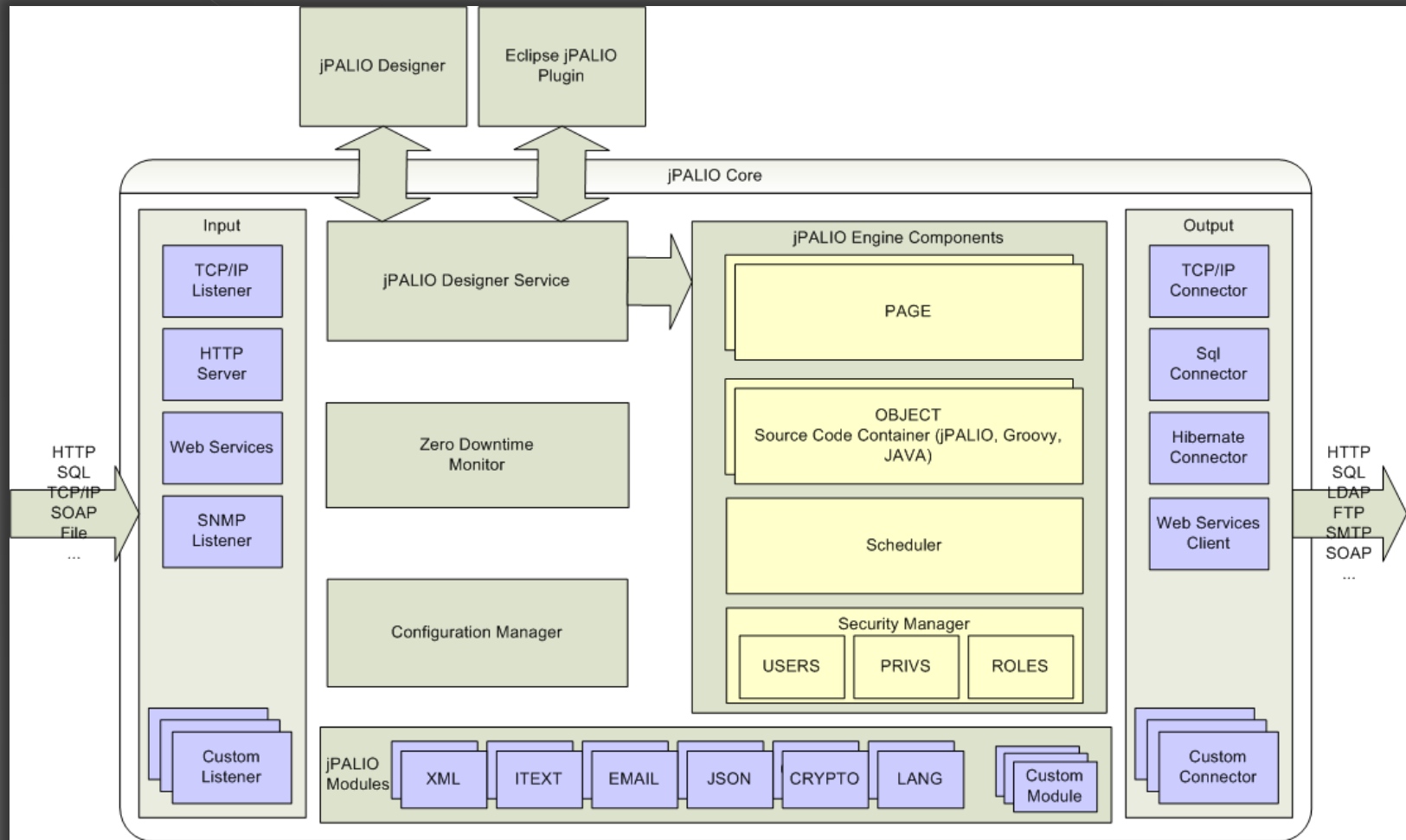
Content Management

CMS as a solution for a virtual newsroom (editing):

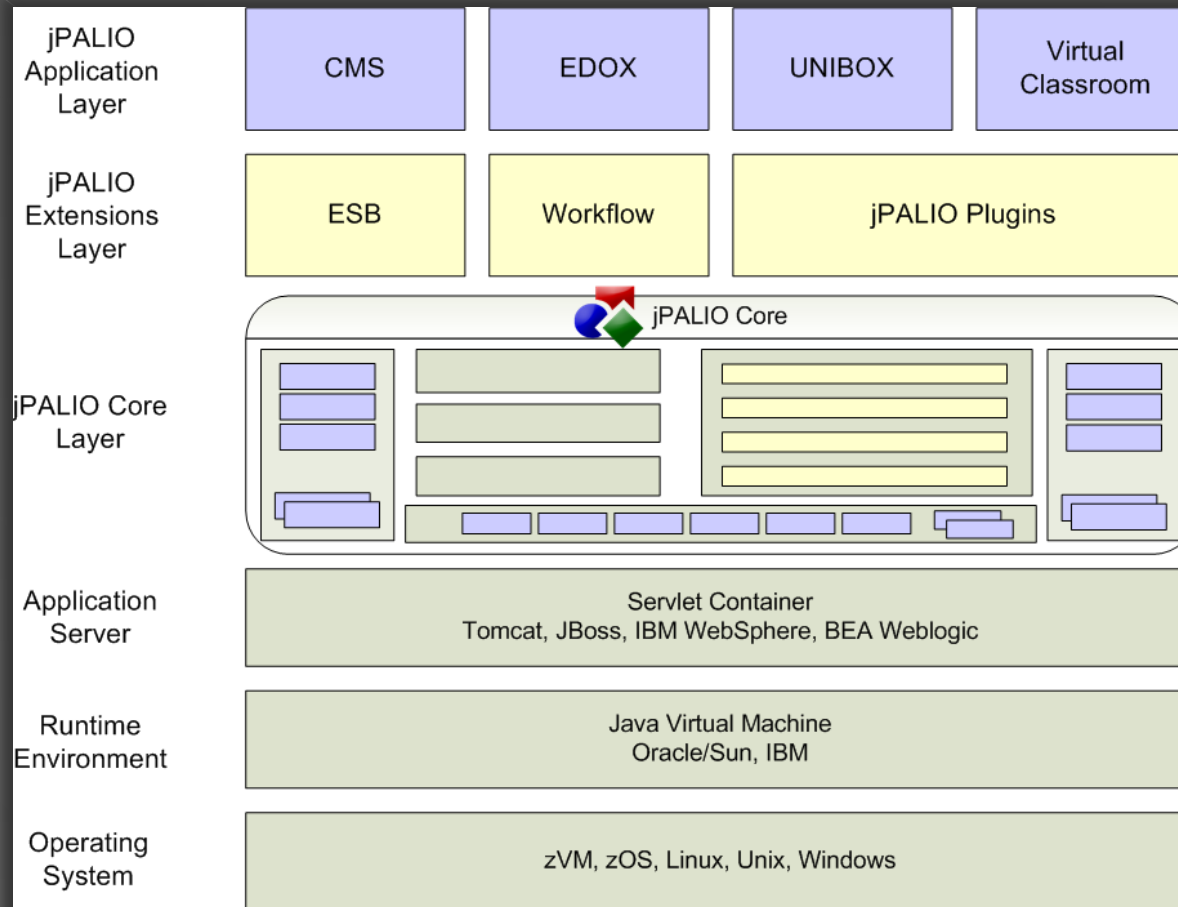


- Content management for non-IT professionals
- Definition of documents access rights
- Many documents attributes (validity dates, status, destination locations, etc.)

Functional Architecture

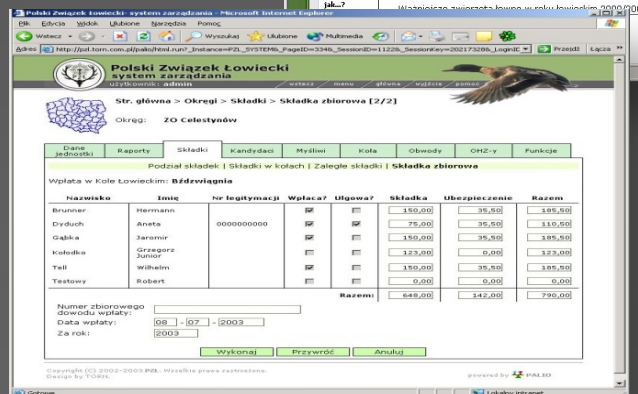
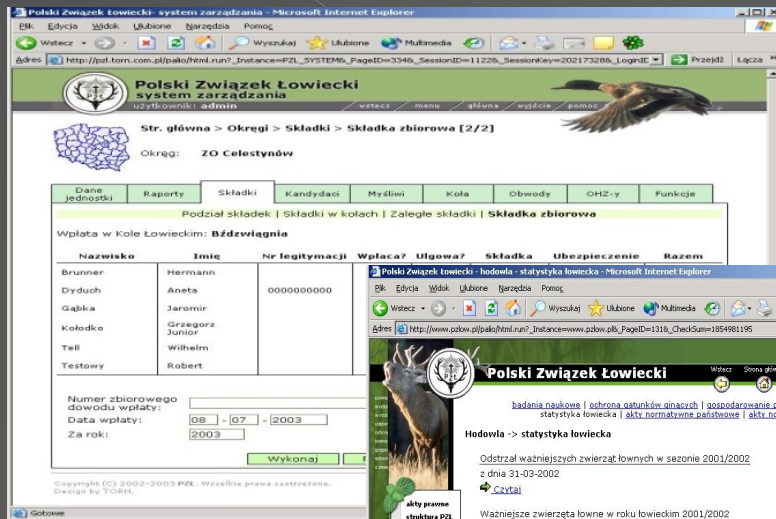


Application Context



Selected References

Polish Hunting Association

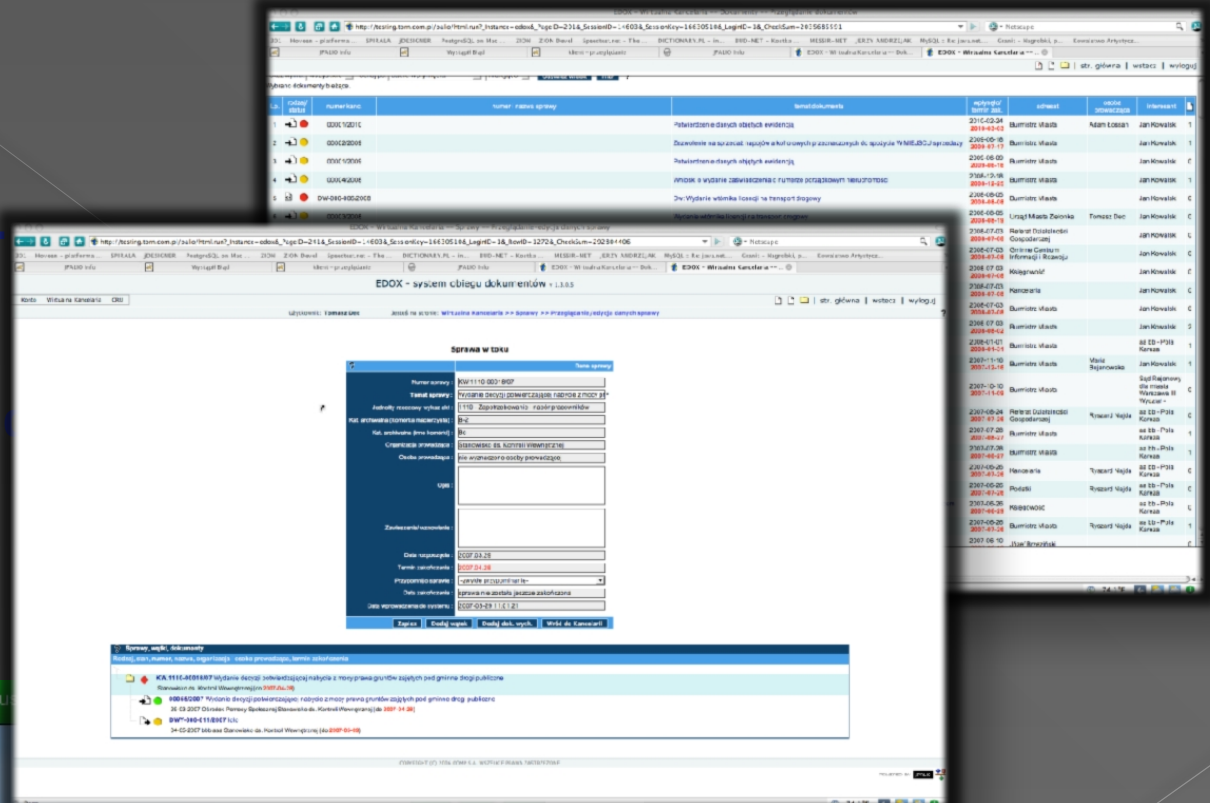


- ERP solution.
- Finance & Accounting solution
- 49 Charts of Accounts.
- Human Resources
- Headquarters, Research Station in Czempin.
- 49 Regional Management Centres, 2.5k Local Branches.
- Around 70 breeding centres.
- 100 000 hunters.

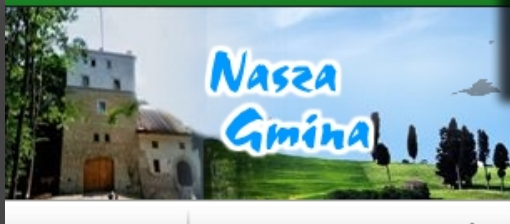
Selected References

Local Government & Administration

- Workflow solution.
- EDOX document management.
- Process design and automation.



Dziś jest wtorek, 2009.02.24 | Imieniny: Macieja, Bogu



Selected References

Telecommunication: 2001 – 2011 TP SA

PROVISIO

- Service requests workflow for individual services (eg. Neostrada xDSL).
- Post-sales support – registering and solving problems.
- Central users repository – clients' and services' data.
- Selfcare – users monitor & modify their services on-line.
- Interface to TP S.A.'s billing systems.
- Interface to the network systems (hosting, dial-up, ADSL).
- TriplePlay with CANAL+ offer bundle on SAGEM STB
- Several hundred thousand customers.
- Almost 25 000 active users in 5 000 POS.

VISP

- Loyalty programme for dial-up customers (ppp).



Selected References

Polish Technical Supervision Office 1999 - 2003

Inwentaryzacja - Komputery

| Lp. | Nr inwentaryzacji | Typ | Model | Nr seryjny | Jednostka org. | Użytkownik |
|-----|-------------------|----------|--------------|---------------|-----------------|------------|
| 1 | 2381/TR | KOMPUTER | SIEMENS SC | YBOW04911... | UDT, Oddział... | |
| 2 | 1858/TR | KOMPUTER | SIEMENS SC | VA307406 | UDT, Oddział... | |
| 3 | 2383/TR | KOMPUTER | SIEMENS SC | YBOW04921... | UDT, Oddział... | |
| 4 | 1864/TR | KOMPUTER | SIEMENS SC | VA307419 | UDT, Oddział... | |
| 5 | 2554/TR | KOMPUTER | NEC POWER | 1653030 | UDT, Oddział... | |
| 6 | 2635/TR | KOMPUTER | NEC POWER | 1254040 | UDT, Oddział... | |
| 7 | 1069/TR | KOMPUTER | ROZBUDOWA | 006116281 | UDT, Oddział... | |
| 8 | 1808/TR | KOMPUTER | SIEMENS SC | WR142728 | UDT, Oddział... | |
| 9 | 1683/TR | KOMPUTER | ACER ALTOS | H182930 | UDT, Oddział... | |
| 10 | 1739/TR | KOMPUTER | ACER ACRO... | GX42880 | UDT, Oddział... | |
| 11 | 2395/TR | KOMPUTER | SIEMENS SC | YBHJ009178... | UDT, Oddział... | |
| 12 | 2637/TR | KOMPUTER | NEC POWER | W646100005 | UDT, Oddział... | |
| 13 | | NOTEBOOK | SATELLITE S | 718306270 S | UDT, Oddział... | |
| 14 | 2551/TR | KOMPUTER | NEC POWER | 0084040 | UDT, Oddział... | |
| 15 | 2155/TR | KOMPUTER | SIEMENS SC | YB.W001985... | UDT, Oddział... | |
| 16 | 2380/TR | KOMPUTER | SIEMENS SC | YBOW04983... | UDT, Oddział... | |
| 17 | 2384/TR | KOMPUTER | SIEMENS SC | YBHJ009167... | UDT, Oddział... | |
| 18 | 2640/TR | KOMPUTER | NEC POWER | 1248040 | UDT, Oddział... | |
| 19 | 2639/TR | KOMPUTER | NEC POWER | 1640030 | UDT, Oddział... | |
| 20 | 2389/TR | KOMPUTER | SIEMENS SC | YBKH003553... | UDT, Oddział... | |

helpdeskudt

Inwentaryzacja - Komputery

Jednostka organizacyjna: Wszystko > UDT > -- UDT Warszawa --

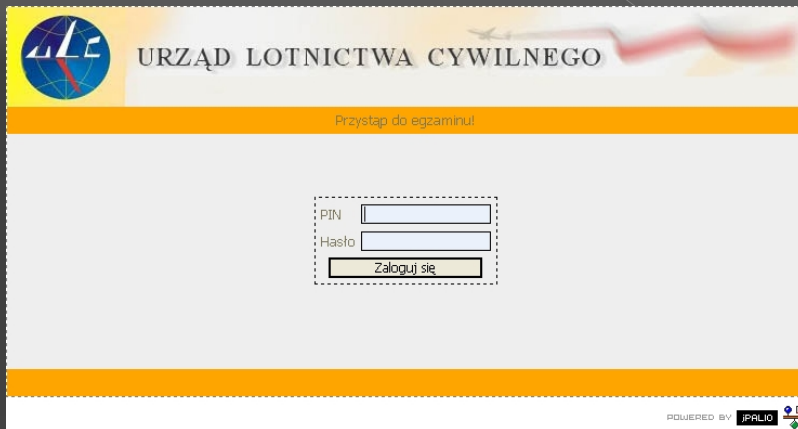
Wiersze na stronie: 10 20 30 40 50 100 200

| ID | Nr inwentaryzacji | Typ | Model | Nr seryjny | Użytkownik |
|----|-------------------|----------|-------------------------|--------------|----------------------------------|
| 7 | 2505/TR | SERWER | NEC EXPRESS 5800 | K044900000 | SERWEROWNIA |
| 9 | 2646/TR | KOMPUTER | NEC POWERMATE VT | 0078040 | Marcin Lach |
| 10 | B/N-4 | KOMPUTER | MODERNIZACJA P. III 450 | 99091037 | Jolanta Rogalska |
| 11 | 2787/TR | KOMPUTER | NEC POWERMATE DT | V327900004 | wypożyczony do pok. 112 |
| 12 | 2788/TR | KOMPUTER | NEC POWERMATE DT | V663700055 | do dyspozycji Dyr. Kołacińskiego |
| 13 | 2562/TR | KOMPUTER | NEC POWERMATE VT | I769400001 | SERWEROWNIA |
| 14 | 2563/TR | KOMPUTER | NEC POWERMATE VT | I769400000 | Teresa Brzozowska |
| 15 | 2706/TR | KOMPUTER | COMPAQ DESKPRO | 8048FR420L5X | Danuta Pilzga |
| 16 | 2705/TR | KOMPUTER | COMPAQ DESKPRO | 8048FR420L63 | Danuta Pilzga |
| 17 | 2702/TR | KOMPUTER | COMPAQ DESKPRO | 8038FTX80545 | Marzena Kamińska |
| 18 | 2911/TR | KOMPUTER | NEC POWERMATE DT | W646100011 | Maria Osieńska |
| 19 | 2696/TR | KOMPUTER | NEC POWERMATE VT | 0080040 | do dyspozycji Dyr. Kołacińskiego |
| 20 | 2671/TR | KOMPUTER | NEC POWERMATE VT | 0069040 | Katarzyna Szmariska |
| 21 | 2850/TR | KOMPUTER | NEC POWERMATE CT | V361900001 | Informatycy |
| 22 | 2857/TR | KOMPUTER | NEC POWERMATE CT | V361900007 | Informatycy |
| 23 | 2775/TR | KOMPUTER | NEC POWERMATE DT | W424000019 | Hanna Tytko |
| 24 | 2786/TR | KOMPUTER | NEC POWERMATE DT | W424000003 | Wiesław Kalinski |
| 25 | 2780/TR | KOMPUTER | NEC POWERMATE DT | W424000002 | Zofia Wyszyńska |
| 26 | 2773/TR | KOMPUTER | NEC POWERMATE DT | W424000014 | Maria Walenta |
| 27 | 2792/TR | KOMPUTER | NEC POWERMATE DT | W424000006 | Krzyszna Grabowska |

- Full inventory of computer hardware in Poland.
- Control of purchasing, liquidation and enhancement with full history.
- On-line reports on H/W status, value, licence control.
- Expense planning based on precisely calculated needs.

Selected References

Civil Aviation Office: ERP & Licence Exams System



URZĄD LOTNICTWA CYWILNEGO

Przystap do egzaminu!

PIN

Haslo

Zaloguj sie

POWERED BY JFALLO

Organises work processes in the Office.

Runs & manages pilot exams and tests.

Medical examination module.

In November 2005 JAA has annouced that this is one „of the best systems of its class in Europe”.

Selected References

LGS, LS: Airport Ground Handling System

Rejsy

Główna Menu

Rejsy
Wyszukiwanie
Raporty
Administracja
jDesigner

LO231 - BRU na dzień 22-10-2008

38 załadowanych, 42 dopuszczonych.

☒

Waga bagażu RUSH kg
Zatwierdzona waga RUSH kg (sekcja)
Waga bagażu (total) kg

Wywieszki kontenerowe

| Lp | Numer | Utworzona | Dostępność | Kontener | Typ | Zawartość | Wydruk | Bagaze |
|----|----------|------------------|------------|----------|-------|-----------|-----------|--------|
| 1 | WK 36193 | 2008-10-21 23:49 | Aktywny | LOCAL | LOCAL | YXX | przyczepa | 38 |

Bagaze

| Lp | Numer | Load | Przyłot | Nazwisko |
|----|-----------|------|---------|-----------|
| 1 | SK 206773 | NO | LO458 | CARLSTROM |
| 2 | N7 158036 | NO | LO3950 | DEVOS |
| 3 | LO 564514 | NO | LO3906 | DEJONGE |
| 4 | LO 732434 | NO | LO3906 | DEFEBERE |
| 5 | LO 395120 | NO | LO3906 | DESCHAMPS |
| 6 | LO 395121 | NO | LO3906 | DESCHAMPS |

Zakończono

Główna Wyloguj

Użyt.: Mateusz Gembarszewski
Skaner: 6
System: BAREC LIVE
Próba: 15-04 17:59

- Organisation of work on the airport's airside and landside.
- Web-browser and PDA interfaces.
- Work planning & control modules (work schedules definition, work-hours control, objects positioning in the airport).
- BAREC – baggage management system.
- SITA-TEXT message management.

Selected References

Polish Press Agency (PAP) runs about 16 information services on jPALIO

The collage displays several web interfaces from Polish information services:

- PAP (Polish Press Agency):** Shows the main page with news headlines, a sidebar with categories like 'Wszystkie', 'Archiwum', 'Biuro', etc., and a 'Temat Dnia' (Topic of the Day) section.
- SIZ (Serwis Informacji Zleonych):** Features a 'Kalendarium.PAP' section with a calendar view and a 'Rozpoczęto proces w sprawie odszkodowań dla właścicieli nieruchomości' (Process started for compensation for real estate owners) article.
- jPALIO:** Displays a 'Financial Market' section with a table of WIG20 quotes and a line chart showing the market index over time.

The jPALIO Financial Market section includes the following data:

| Name | Value | Change |
|---------|----------|--------|
| WIG20 | 2934.78 | 0.58 |
| WIG | 42278.45 | 0.48 |
| TECHWIG | 995.65 | 0.57 |
| MIDWIG | 2773.71 | 0.12 |

The SIZ Kalendarium.PAP section includes the following data:

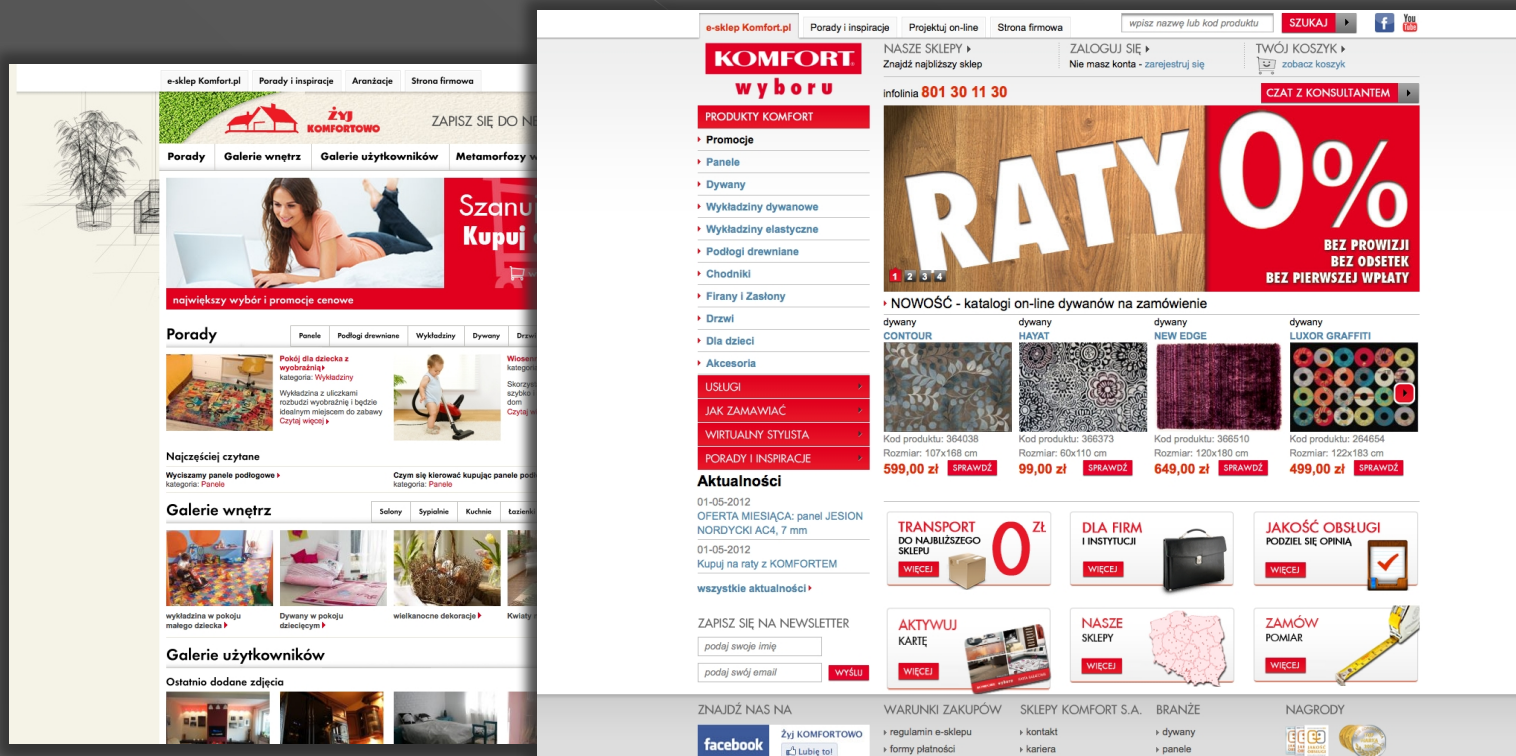
| Date | Event |
|--------|--|
| 22 Lip | Wrocław, Wyspa Piasek - VIII Mistrzostwa Świata w Grillowaniu |
| 23 Lip | Warszawa, Łazienki Królewskie - V Festival Chopiniana - Dni Fryderyka Chopina w Warszawie |
| 06 Wrz | Krynica Zdrój - XV Forum Ekonomiczne pt. Europejskie wyzwania: pytanie o nową tożsamość Europy |

Selected References

Warsaw Stock Exchange (GPW): developed by
PAP 2005 - 2012

Selected References

Komfort.pl – about 180 markets across Poland with the web based eCOMMERCE and eSOCIAL consumer's systems



Selected References

Copernicusandnewton.com – C&N TV and VoD
TV jPALIO Video Suite demo site



Main Features

Summary

- Very short application implementation time.
- Very short implementation time of new application modules.
- Speed & Efficiency
 - Database connection pooling;
 - Pre-compiled application code.
- Security
 - Built-in mechanisms of authorisation and sessions.
 - Robust to parameter change in the address bar.
 - backup Connector.
- Reliability
 - Maintains sessions even if the server goes down.
- Flexibility / Scalability
 - SQLConnector manager
 - No restarts upon loading of new application versions.
 - Cluster configurations, ease of enhancements.



Thank You for Your Time!

tomasz j dec

CEO

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Agile Technology. Peace of Mind.

