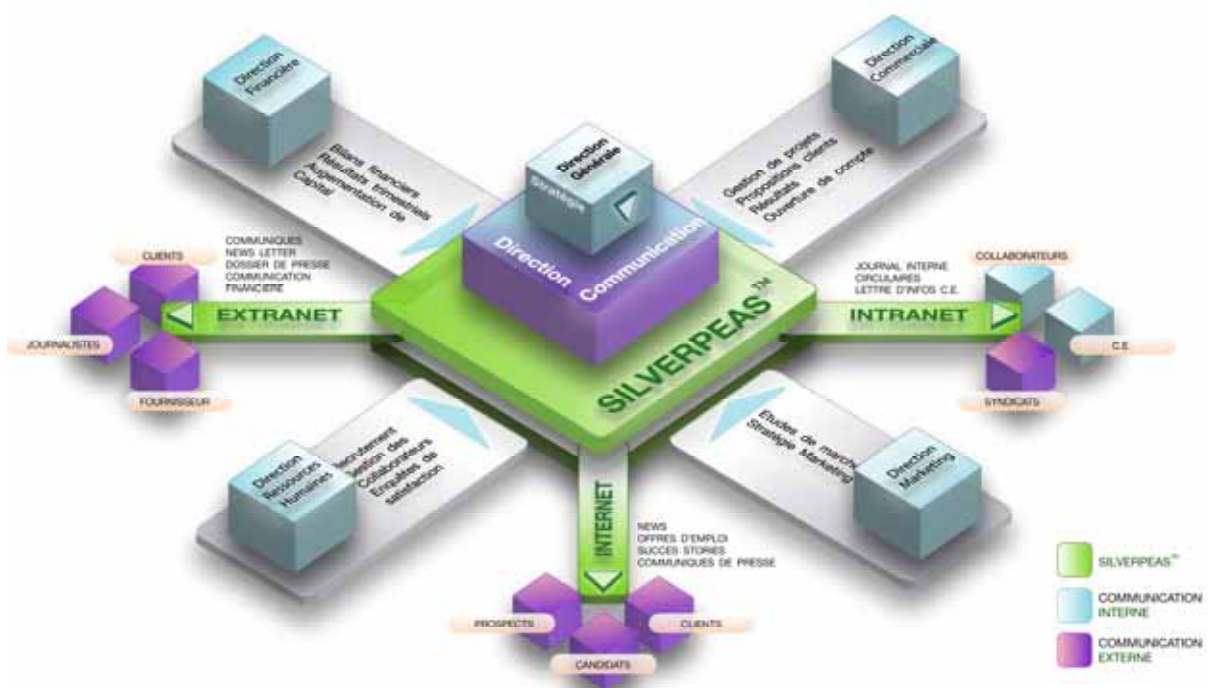


# silverpeas

## The 'Xnet' platform

Visit us at [www.silverpeas.com](http://www.silverpeas.com)

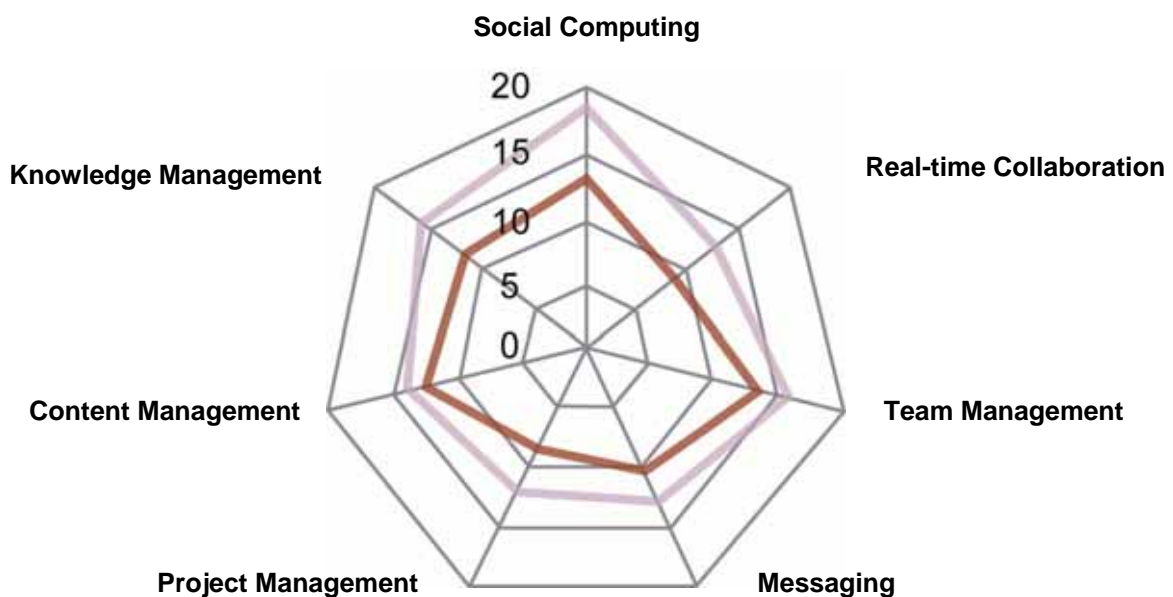




**Silverpeas v5, a highly integrated collaborative platform  
A whole team working and collaborating in perfect harmony,  
creating high-quality performance for the whole company  
and its partners.**

## **FEATURES**

- **More than 30 ready-to-use tools:**
  - **Silverpeas™ is equipped with the most tools for any Xnet platform in the market today.**
  
- **Accessible from any browser or PDA/Smartphone or Iphone, Silverpeas™ offers:**
  - **Real-time collaboration Services**
  - **Team collaboration Tools**
  - **Message Management Tools**
  - **Project Management Tools**
  - **Content Management Tools**
  - **Knowledge Management Tools**
  - **Social Computing and Networking Tools**
  - **Connectors to other applications**



*Figure 1. Type of data managed in Silverpeas™*

## COLLABORATIVE SPACES

- Silverpeas™ enables users and collaborators, based locally or remotely, to work together on projects, files, plans, discussions using a host of interactive services.
- A collaborative space is a virtual workshop, where tools (Peas) are available for maximum collaboration.
- Thanks to an intuitive interface, easy navigation, and an on-line help, no special training is needed to quickly become efficient in Silverpeas™ .

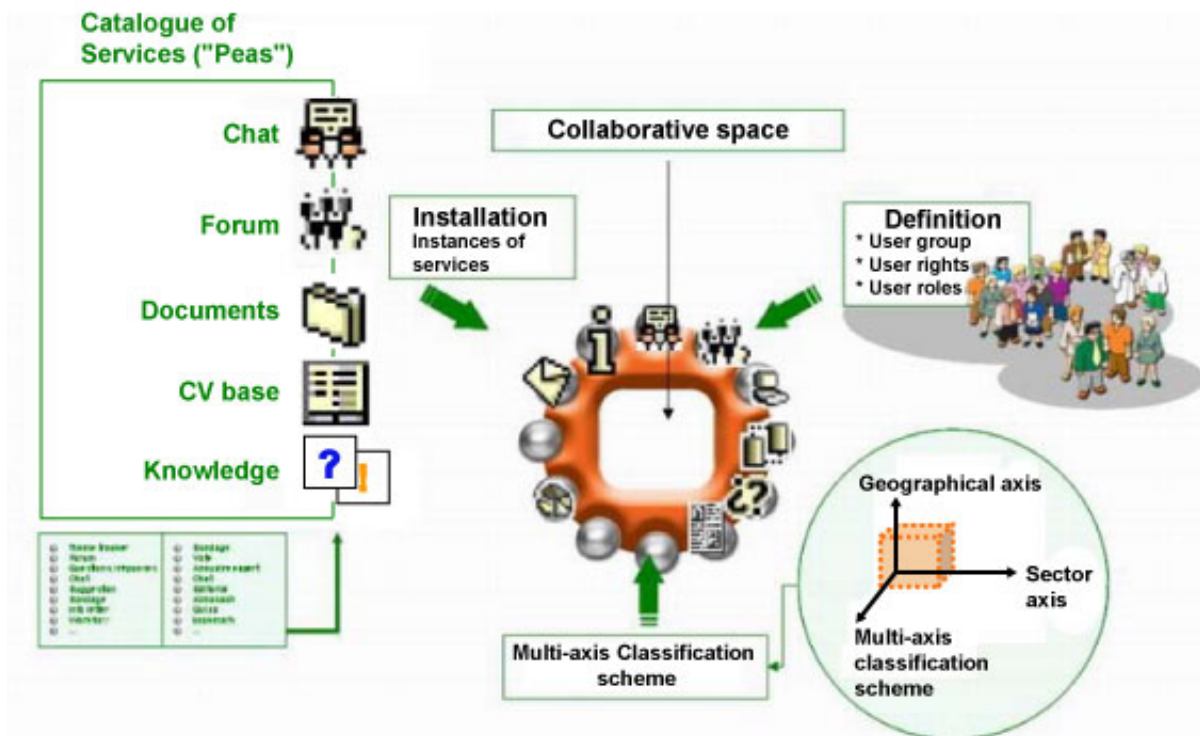


Figure 2. Collaborative spaces

- Each collaborative space is placed under the responsibility of a functional administrator, who can deploy tools and services called 'Peas'.
- More than 30 Peas are available including: EDM, Knowledge base, Directories, Calendars, Mediatech, Blog, Wiki, Newsletter, Forum, Chat, Surveys, Quiz, Planning, web sites and much more..
- The Administrator is also responsible for assigning rights to tools, users or groups.

## TRANSVERSAL CLASSIFICATION ACROSS THE COMPANY

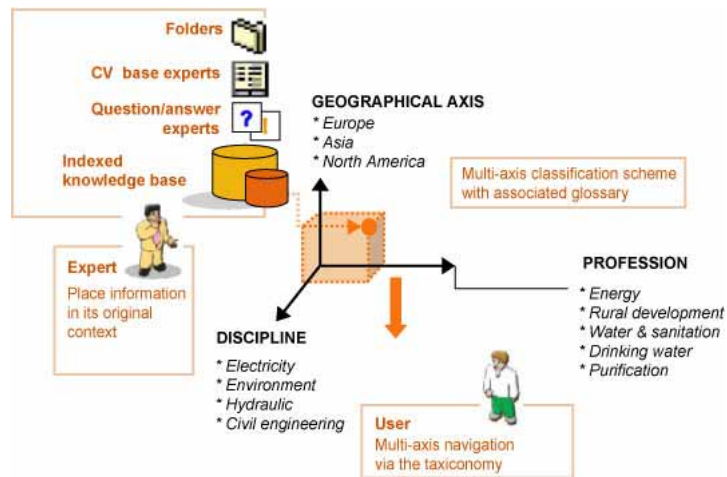


Figure 3. Transversal classification

- In some cases, the classification function can be a constraint and its value not necessarily appreciated.
- Silverpeas™ overcomes this problem with a powerful classification scheme consisting of **multi-axis** and **multi-levels**, coupled with a 'full text' search engine (Lucene).
- The classification scheme provides a flexible system, where classification can be obligatory or optional, according to the tools and files selected.
- The classification scheme includes all collaborative spaces. This means each business sector can be included in the classification, and constructed by the Manager in each case.
- A delegated person or Administrator is responsible for managing the classification scheme.
- All contents can be indexed and classified, from documents, forums and messages, to experts CV's, URLs, events, photos and much more.

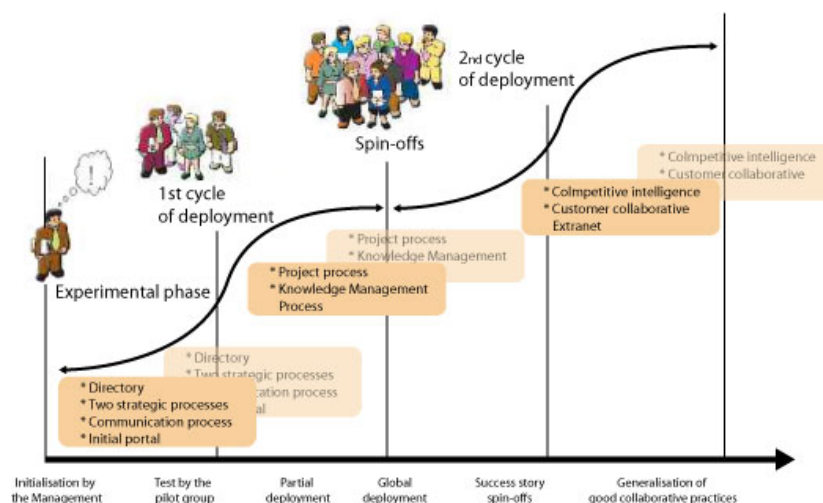


Figure 4. Deployment cycles

## An easy-to-use platform

Setting up a portal is generally a long and laborious process because most platforms do not offer a platform ready to use 'Off the shelf'.

Silverpeas™ has the answer:

- **1 hour set-up:** Silverpeas™ can be setup in less than 1 hour.
- **The connection to company directories (MS Active Directory, or LDAP) can be configured in the same way as the access to Silverpeas™ via an secured external authentication, or an SSO (Single Sign On).**
- **Technically, the platform can be operational within 24 hours.** However, it is recommended to be guided in the organisation of spaces, information, classification, management of collaborative spaces and customizing of the interface.
- **A business of about 1 000 people, would take from between 2 to 6 months to become operational using Silverpeas™.**

## The Silverpeas 'Bus'

The bus is the fruit of 65 man/years of development and 600,000 lines of code.

The Silverpeas™ platform operates in 3 distinct areas:  
The Bus, the Services, the Architecture.

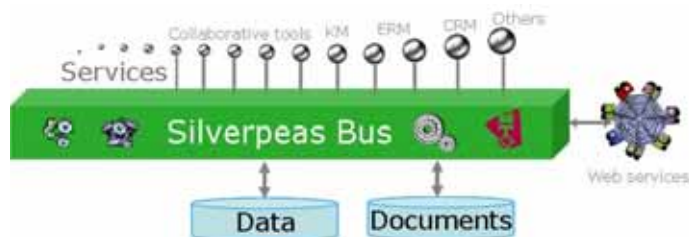


Figure 5. Silverpeas™ Bus

- **The 'Bus' which houses the generic mechanisms (or engines)**
- **The tools or Services (Peas).** The 'Portlets' from other editors can be integrated, (conform with JSR 168 portlet container).
- **The Architecture which provides Silverpeas™ with its flexibility, multi-tasking skills, the ability to integrate new functions, but also a unique classification data base of references for all the company's data.**

## The Silverpeas Engines




Silverpeas™ integrates 6 engines:

- Full text engine
- Notification/subscriptions engine
- Workflow engine
- Import/export engine
- Web services engine
- Customization engine

## The Services or 'Peas'

Silverpeas™ includes a choice of Services or Peas including an example listed below according to type:



### Documentation Management

-  [Gestion de contenu multi-axes - Multi-level Tracker](#)
-  [Gestion documentaire I - Theme Tracker](#)
-  [Gestion Documentaire II - Filebox](#)


### Gestion Collaborative

-  [Almanach](#) .  [Archivage d'e-mails](#)
-  [Chat](#)
-  [Contacts - Annuaire Yellow pages](#)
-  [Forum](#)
-  [Gestion de projet II - Project Manager](#)
-  [Gestion de ressources \(Béta\)](#)
-  [Quiz](#)

### Gestion de la Connaissance

-  [Annuaire d'experts - Annuaire](#)
-  [Questions/Réponses - Questions aux experts](#)

### Gestion de Contenu

-  [Actualités - QuickInfo](#)
-  [Annuaire de sites - Bookmark](#)
-  [Designer de page web - WebPage Designer](#)
-  [Designer de site web - WebSite Designer](#)
-  [Hyperlink - Hyperlien](#)
-  [Lettre informative](#)
-  [Wiki](#)

## Architecture and Technology

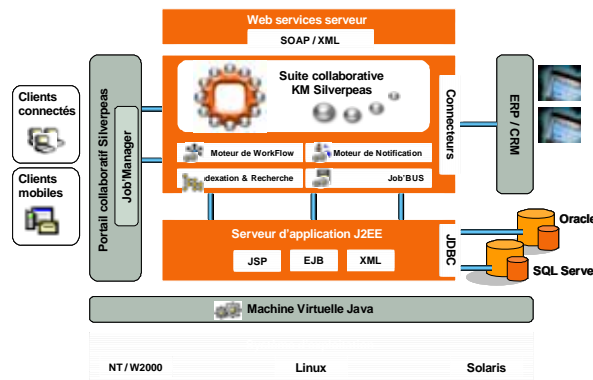


Figure 6. Architecture and technology

- Silverpeas™ is built around "light weight" architecture, (no installation on the workstation necessary). Thanks to this architecture, the platform has the capacity to scale up its load. (Load balancing, soft booting).
- Silverpeas™ is based on the Java EE standard (Java Enterprise Edition).
- Silverpeas™ requires a relational data base to stock the publication's meta data and the operating system file system (Windows or Linux).
- Silverpeas™ also implements the JCR norm (Java Content Repository) via Apache 'Jackrabbit'.
- Silverpeas™ requires a Java EE application server such as Jboss®, Jonas®, Weblogic®, Websphere®, Borland® Enterprise Server, or Oracle AS®.

## XML at the heart of Silverpeas

- The platform is completely integrated into XML
  - Formula management, workflow procedures, import-export information formats, access to Web Services, pdf.
  - Configuration.
- This feature gives Silverpeas™ its leverage for integrating completely into any company information system.



Figure 7. XML integrated at the core of Silverpeas™

## Distribution

- The Silverpeas™ core is available under the Open Source Gnu GPL V3 licence
- The additional services are under a commercial licence
- Import / export
- PDA, Iphone and Smartphone support
- EDM capture
- Graphic Workflow Editor
- Connector groupware
- Taglibs CMS, Project Management



## Summary

- Silverpeas™ has been designed especially with the user in mind.
- Intuitive ergonomoy:
  - Drag and drop of files or folders, direct updating of MS Office documents



i

Figure 8. Drag and drop

- Explicit Operations:
  - Operations in the form of hypertext links from Operations menu (see example below):

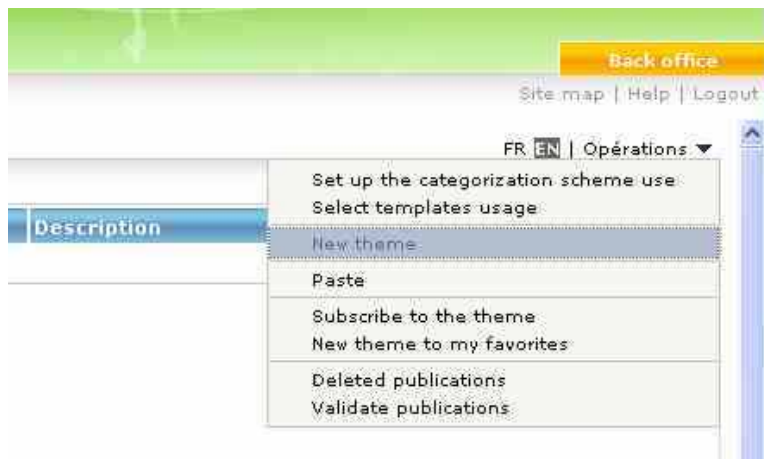


Figure 9. Hyperlinks

- A multi-lingual i18n platform, (interfaces and contents)
- A customizable interface and integration of external portlets or widgets (conform to JSR 168 standard)
- An architecture based on a communications 'Bus' acting as the link between services and applications, ensuring evolution, multi-tasking, flexibility of the 'portal'
- A powerful mechanism for assigning rights, avoiding administrative bottlenecks on the platform
- A simplified mechanism for the deployment of functions, managed by authorised users according to their needs



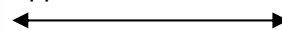
- The indexation of contents on a multi-level and multi-axis classification scheme
- Connectors insuring the compatibility of solutions with groupware: Microsoft (Exchange), Lotus Notes, Groupwise, Zimbra
- A procedure designer to enable users to customize settings for their administrative workflows
- Connection to relational data bases ( )
- The re-use of all generic mechanisms of the Bus for the different services, (authentification, Workflow, notification, Data Mining alerts..)
- A development Framework for developing new functions (Peas) using Silverpeas SDK.
- Access to Web services and connection with the platform in the form of WebServices
- Information Management (content) totally independent of format and Web presentation (Principal of Content-Format-Presentation. The same content can be presented differently on several web sites.
- Access from a Smart phone with optimised design and ergonomics for the PDA iphone and the smart phone format.
- Java EE architecture authorises an almost unlimited increase in performance by the addition of extra servers (Load balancing between servers)



Silverpeas + Application Server  
+ DB + Server files



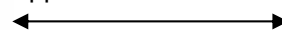
Silverpeas +  
Application Server DB



Server files



Silverpeas +  
Application Server DB



DB



Server files

Figure 10. Application servers and files

## Our References



Since its integration into the **OEVO** group, the Silverpeas™ solution has achieved a resounding commercial success.

Silverpeas™ customers appreciate the high performance, flexible, innovative, multi-task portal, which is easy to setup, maintain and upgrade.

Silverpeas™ customers are businesses or administrations:

- Town councils, regional councils, hospitals, etc. who need an Xnet platform for interactive communication, for internal and external use
- Research and Development centres such as Nagravison, Celar, GIP Seine Aval, CNRS, INRA
- Remote installations (shops, production sites, agencies, delegations) such as Nature & découvertes, Botanic, SAMSE, MGI Coutier, Sogreah, PIMMS, LRP

Silverpeas™ is also intergrated into numerous business clusters (Rhône-Alpes and Franche comté).

Here is a list by logo of some of our customers in all sectors:



Etat de Genève





## Contacts and Copyright

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Silverpeas™ is a subsidiary of Oevo and OOsphere:

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