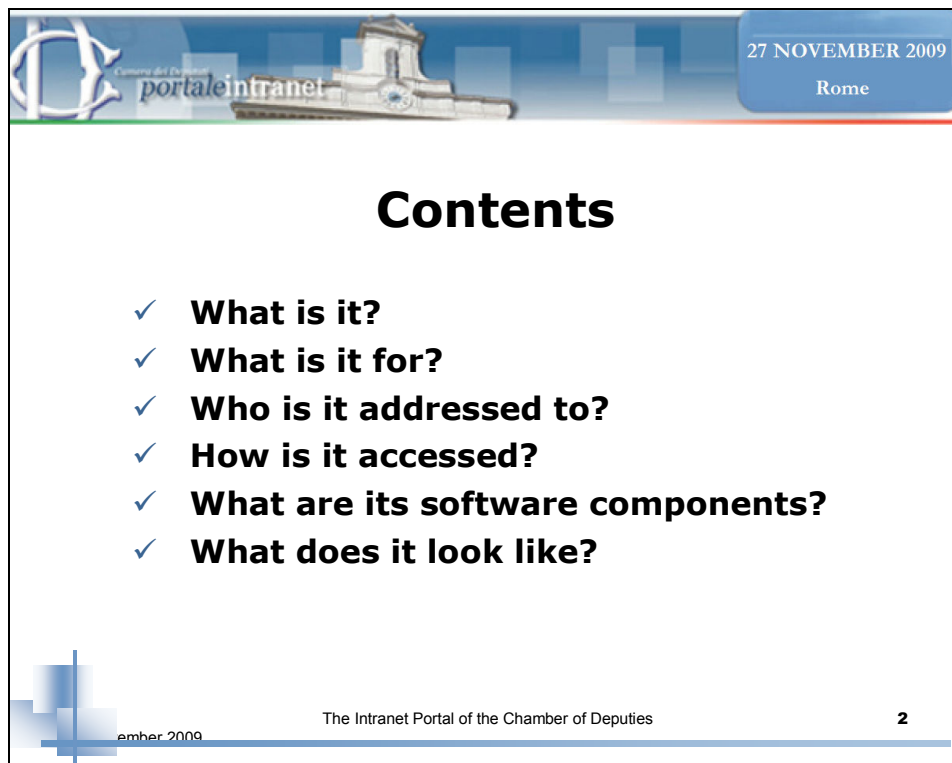


The Intranet Portal of Chamber of Deputies offers a new and innovative mode of view and management of web pages.
It will be released at the beginning of January 2010.



The screenshot shows a presentation slide for the new Intranet Portal. At the top left is the Chamber of Deputies logo and the text 'Camera dei Deputati portaleintranet'. At the top right, a blue box contains the date '27 NOVEMBER 2009' and the location 'Rome'. The main content is a list of six items, each preceded by a checkmark. At the bottom, there is a footer with a blue graphic on the left, the text 'The Intranet Portal of the Chamber of Deputies', and the number '2' on the right.

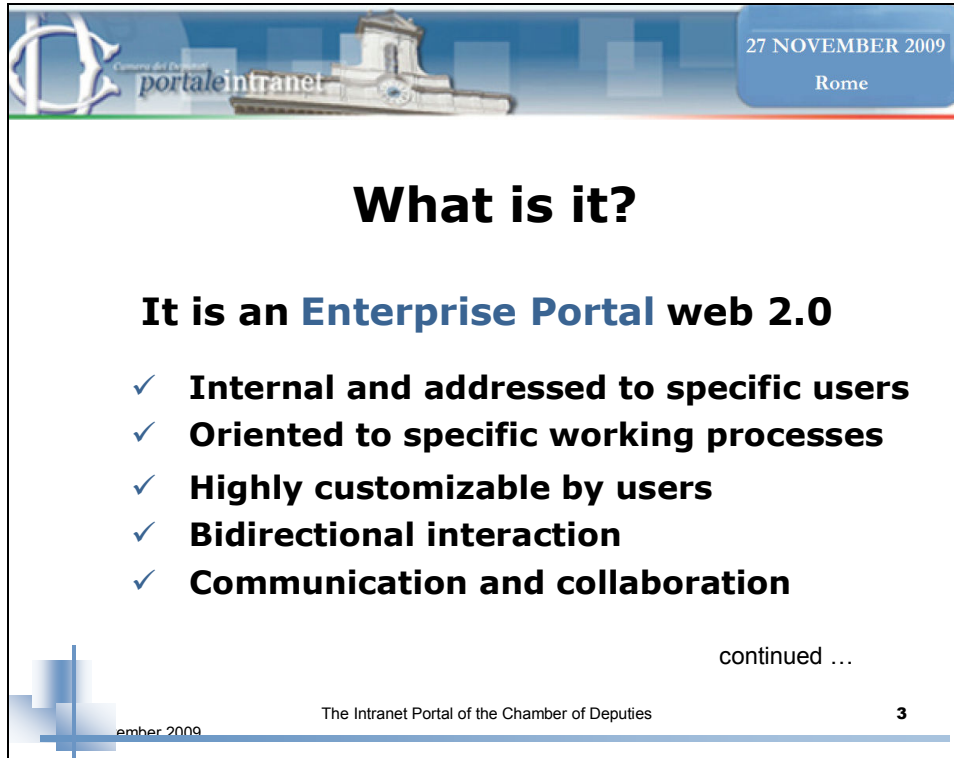
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Contents

- ✓ **What is it?**
- ✓ **What is it for?**
- ✓ **Who is it addressed to?**
- ✓ **How is it accessed?**
- ✓ **What are its software components?**
- ✓ **What does it look like?**

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These are the contents of the presentation of the new Intranet Portal off the Chamber of Deputies.



The screenshot shows a presentation slide with a blue header. The header contains the Chamber of Deputies logo on the left, the text 'portale intranet' in the center, and a date box on the right that says '27 NOVEMBER 2009' and 'Rome'. The main content area has a white background with the title 'What is it?' in bold black text. Below the title is the subtitle 'It is an Enterprise Portal web 2.0' in bold blue text. A list of five bullet points follows, each with a blue checkmark: 'Internal and addressed to specific users', 'Oriented to specific working processes', 'Highly customizable by users', 'Bidirectional interaction', and 'Communication and collaboration'. At the bottom right of the slide, it says 'continued ...'. The footer of the slide includes a blue graphic on the left, the text 'November 2009' in the middle, 'The Intranet Portal of the Chamber of Deputies' in the center, and the number '3' on the right.

First of all we consider what exactly the new Portal of the Chamber of Deputies is.

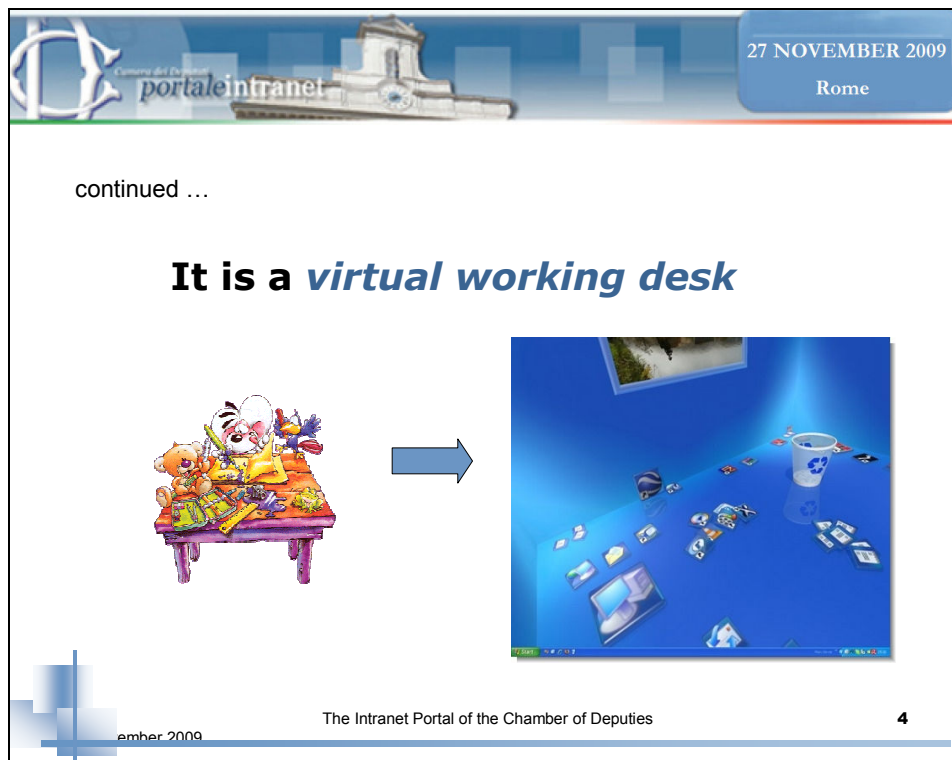
The Portal is a particular type of web site; it works as a point of access to the web, it gives contents and it offers IT services to the logged in users.

The Intranet Portal of the Chamber of Deputies is an “Enterprise portal”, that is:

- ❖ Internal to the organisation,
- ❖ Addressed to specific users working in the organisation,
- ❖ Strongly oriented to their needs and to the internal working processes.

Finally the Intranet portal of the Chamber of Deputies is a web 2.0 site, that is:

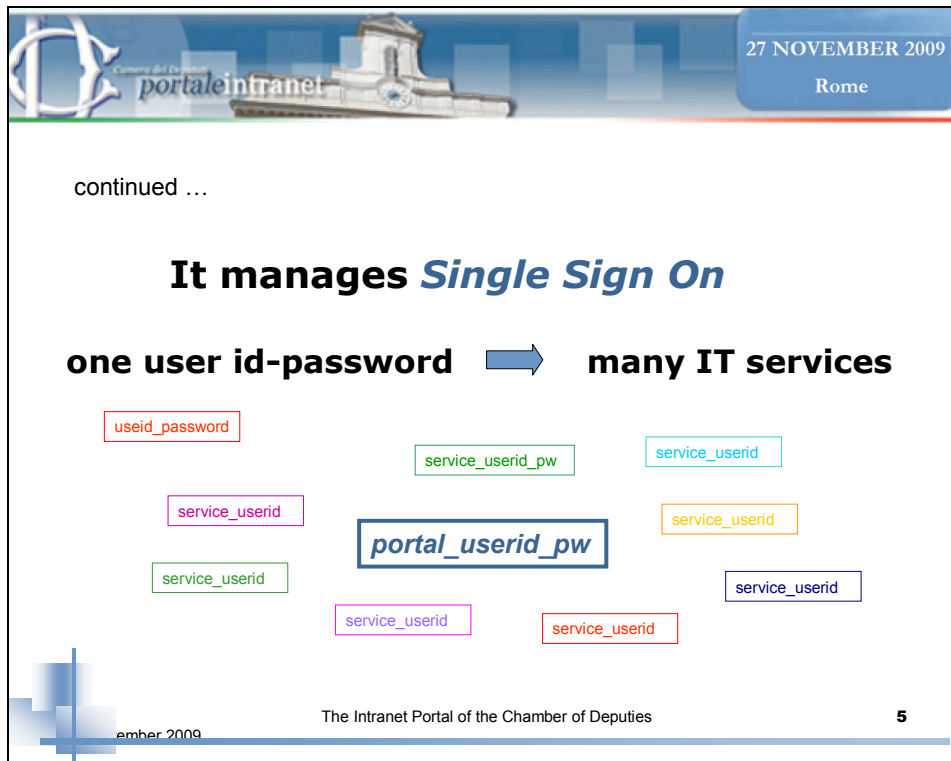
- ❖ Realize bidirectional interaction,
- ❖ Profiled for users and customizable by users themselves,
- ❖ Provide communication and collaboration services for workgroups.



In particular it is a virtual working desk for those who operate in and around the Chamber of Deputies: it is designed to contain all the work tools soon available with a “clic” of the mouse.

All work tools can be freely arranged by the users in the available space, as in a real work desk.

Customization concerns the choice and placement of the contents and of IT services. Moreover customization is also about the selection of graphic theme of the Portal.




The screenshot shows the top of the Intranet Portal with the logo and date '27 NOVEMBER 2009 Rome'. Below the header, the text 'continued ...' is followed by the heading 'It manages **Single Sign On**'. A diagram illustrates the concept: 'one user id-password' is linked by a blue arrow to 'many IT services'. The diagram features a central box labeled 'portal_userid_pw' and several surrounding boxes labeled 'service_userid' and 'service_userid_pw', representing the single authentication point for multiple services.

The Portal also allow the users to log in to all applications and IT services with a single user id and password: this is called “single sign on”.

In this way it is no longer necessary to provide many passwords to every users for each application and IT service.


When a user logs in to the portal, he is authenticated once and doesn't need to renew authentication to access any application for which he is enabled.



The screenshot shows the homepage of the Intranet Portal. At the top left is the logo of the Camera dei deputati and the text "portale intranet". At the top right, a blue box contains the date "27 NOVEMBER 2009" and the location "Rome". The main heading is "What is it for?". Below this, the text "To supply *working tools*:" is followed by a list of five items, each with a checkmark: "Contents", "Information", "Services / applications", "Communication/collaboration", and "Workflow /processes". To the right of the list are three icons: a stack of books, a set of tools (wrench and screwdriver), and a group of stylized human figures. At the bottom of the page, there is a footer with the text "The Intranet Portal of the Chamber of Deputies" and the number "6".

This is to provide users with everything they need to work:

- ❖ to find internal information,
- ❖ to get contents,
- ❖ to access IT services and sw applications,
- ❖ to communicate with other users,
- ❖ to interact with Administration and Offices.



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Who is it addressed to?

- ✓ **Deputies**
- ✓ **Employees**
- ✓ **Parliamentary groups**
- ✓ **Parliamentary journalists**
- ✓ **Deputies' assistants**
- ✓ **Library users**
- ✓ **Former deputies**
- ✓ **Former employees**

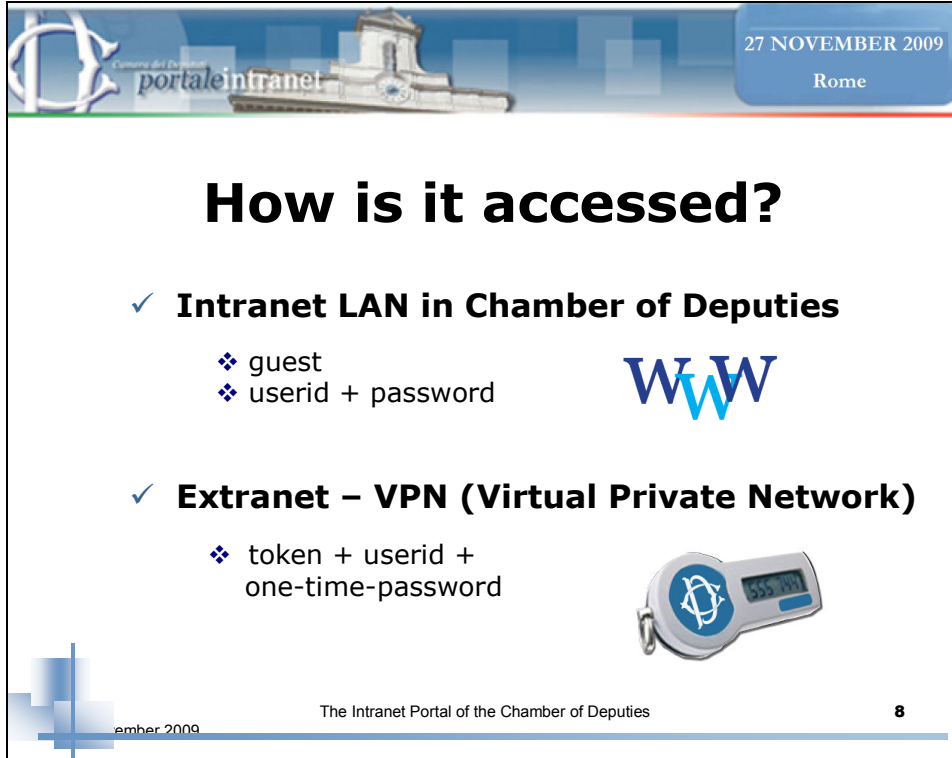
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The Portal is addressed to all the persons that work and operate inside and in relation with the Chamber of Deputies.

In particular it is addressed to specific groups of users, such as:

- ❖ Deputies,
- ❖ Employees,
- ❖ Parliamentary groups,
- ❖ Parliamentary journalists,
- ❖ Deputies' assistants,
- ❖ Library users,
- ❖ Former deputies,
- ❖ Former employees.

When the Identity and Access Management System of the Chamber of Deputies will be federated with the one of the Senat, other user groups will access our Intranet Portal: Senators and Senat's employees.

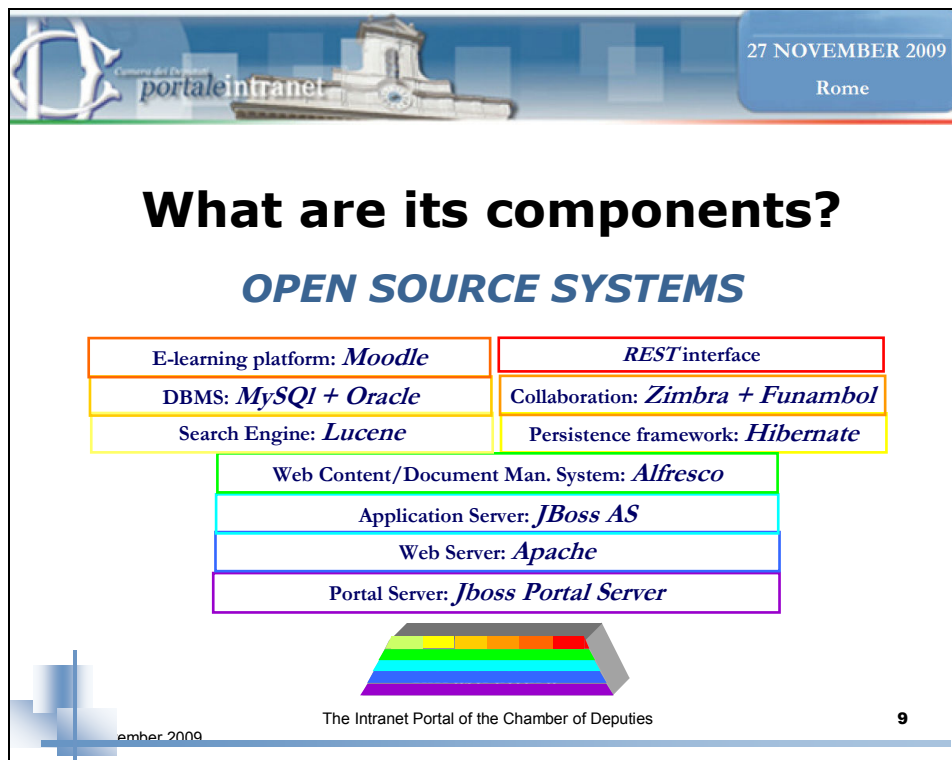


The screenshot shows a presentation slide with a blue header. The header contains the Chamber of Deputies logo, the text 'Camera dei Deputati portale intranet', and a date box '27 NOVEMBER 2009 Rome'. The main content area has a white background with the title 'How is it accessed?' in bold. Below the title are two sections, each starting with a checkmark. The first section is 'Intranet LAN in Chamber of Deputies' and lists 'guest' and 'userid + password' with a 'WWW' icon. The second section is 'Extranet - VPN (Virtual Private Network)' and lists 'token + userid + one-time-password' with an image of a security token. At the bottom, there is a footer with 'ember 2009', 'The Intranet Portal of the Chamber of Deputies', and the page number '8'.

The Portal may be accessed through the internal network by any PC connected to the LAN (Local Area Network):

- ❖ in anonymous or guest mode (only to consult contents),
- ❖ in authenticated mode, with a personal user id and password.

The Portal may be accessed also through the Extranet; that is by any Internet PC connected to the LAN via VPN (Virtual Private Network), using a “token” with user id and one-time-password.



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What are its components?

OPEN SOURCE SYSTEMS

E-learning platform: <i>Moodle</i>	<i>REST</i> interface
DBMS: <i>MySQL + Oracle</i>	Collaboration: <i>Zimbra + Funambol</i>
Search Engine: <i>Lucene</i>	Persistence framework: <i>Hibernate</i>

Web Content/Document Man. System: *Alfresco*

Application Server: *JBoss AS*

Web Server: *Apache*

Portal Server: *Jboss Portal Server*

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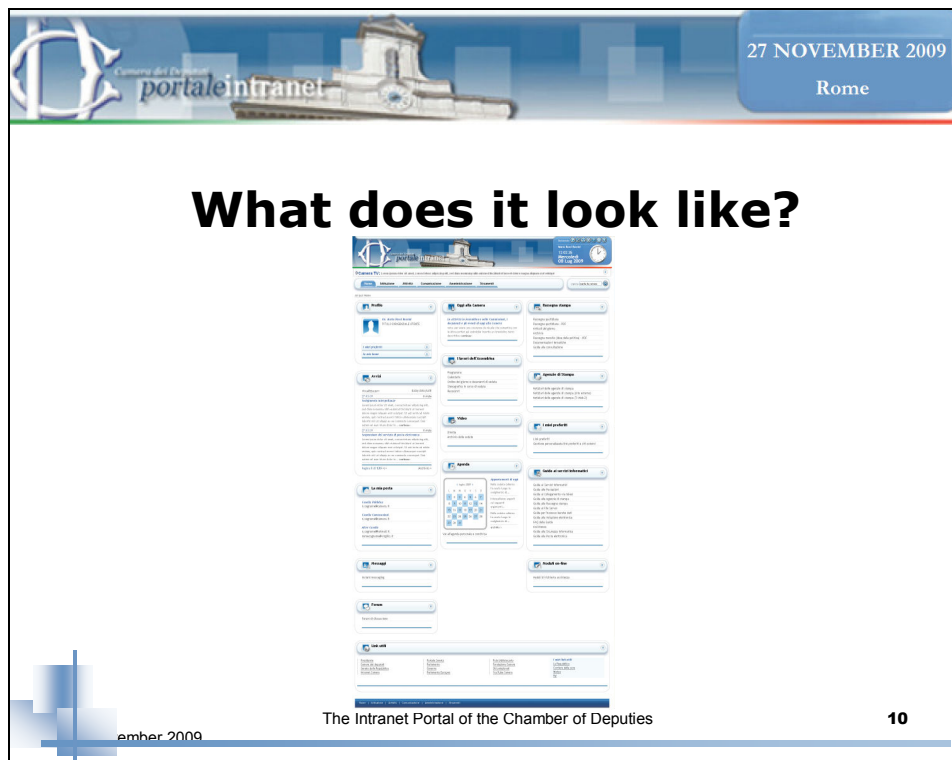
The Intranet Portal of the Chamber of Deputies

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Technological infrastructure is built up completely of open source components. DBMS Oracle is the only commercial software used, as the Chamber of Deputies already owns the licences.

The project didn't involve the purchase of software systems.

Therefore this has been a project of system integration, software development and customization to suit and tailor the system to the specific needs of the Chamber of deputies.



The Portal does not appear in only one mode.

The Portal appears in different ways depending on the user who logs in to it.

That is because each user can customize his own homepage as he prefers.

Therefore the homepage of each user is different:

- ❖ each user can decide what “portlets” he is more interested to and he can transfer them in his homepage,
- ❖ each user can freely collocate the “portlets” wherever he prefers in the homepage moving them with the mouse,
- ❖ each user can change the graphic theme of his homepage.

This is possible because the homepage of the Portal is the interactive “dashboard” of JBoss Portal Server.

These are some examples of different customized homepages.

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What does it look like?

But also:



The screenshot shows a web portal with a top navigation bar containing 'Home', 'Attualità', 'Cronache', 'Ambiente', and 'Spazio'. Below the navigation bar, there are several content widgets: 'Profilo', 'Servizi e Contatti', 'Notizie dal Parlamento', 'Top 100 Camere', 'Tempi e Pagine', 'La mia pagina', 'Profilo', 'Profilo di legge', and 'Link utili'. The widgets contain various text, images, and data tables.

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What does it look like?

But also:

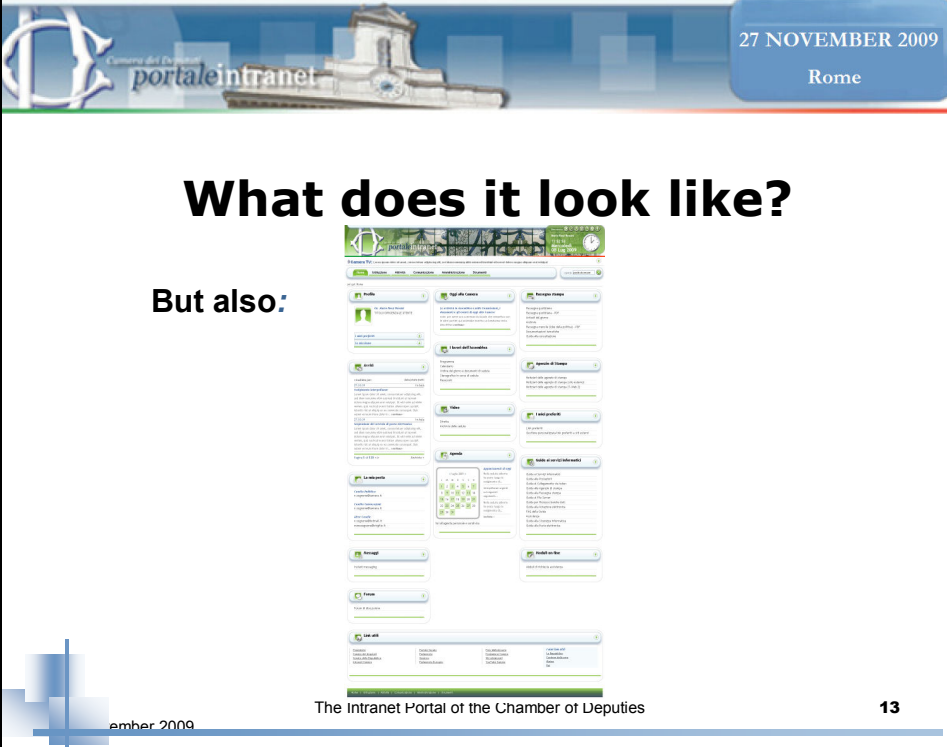


The screenshot shows a web portal with a top navigation bar containing 'Home', 'Attualità', 'Cronache', 'Ambiente', and 'Spazio'. Below the navigation bar, there are several content widgets: 'Profilo', 'Servizi e Contatti', 'Notizie dal Parlamento', 'Top 100 Camere', 'Tempi e Pagine', 'La mia pagina', 'Profilo', 'Profilo di legge', and 'Link utili'. The widgets contain various text, images, and data tables.

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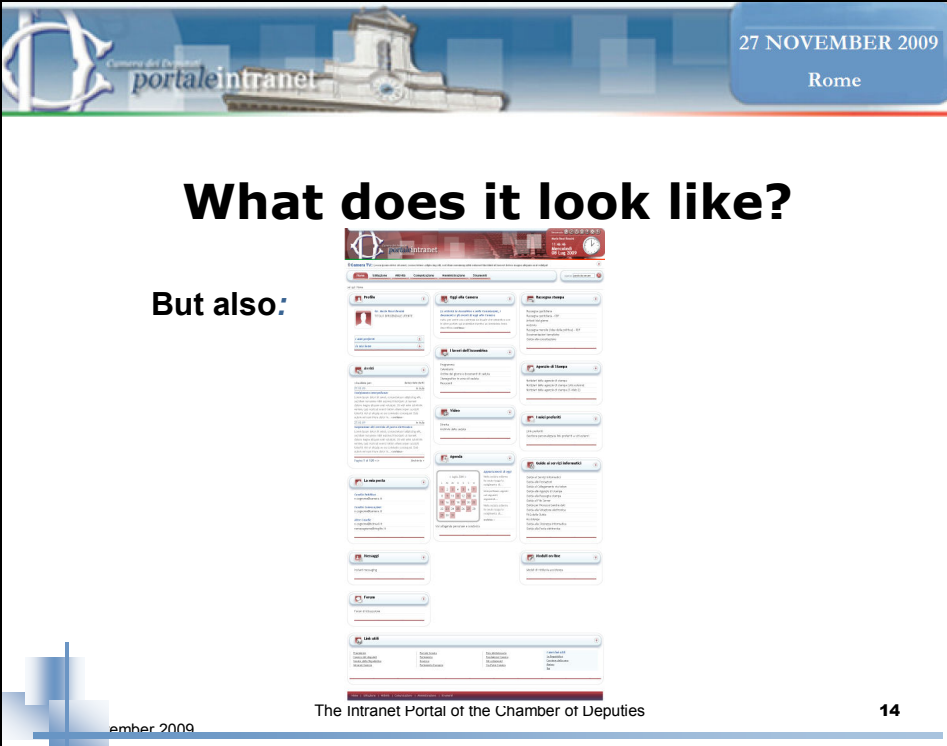
What does it look like?

But also:

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What does it look like?

But also:

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The new Intranet Portal

*Elena Flavia Candia
Servizio Informatica*

