AMANDA Public Portal

CSDC

ENTERPRISE SOLUTIONS

Agenda

- Overview of AMANDA Portal solutions
- Technologies powering our portal solutions
- Walkthrough of OOTB (out of the box) features

What is AMANDA Portal

- Online page(s) that engages a citizen or a registered user
  - City's building department portal
  - Public search to share permit, professional license, complaints, data
  - Applicants applying for permits, Contractors renewing their license
  - Anonymous or registered features to submit complaints or request
- An application to engage registered agents of an external agency to sign-off or review tasks in your workflow.
  - School board sign-off on a Planning application

Common features

Common features across all portal solutions

- Responsive UI which is browser agnostic
- UI built to work on touch sensitive devices, like tablets and smart phones

Portal Solution in each vertical

Permitting/Licensing/Compliance

- Public Search
- Map based search tools
- Apply for Permit
- View Permit/License/Compliant details

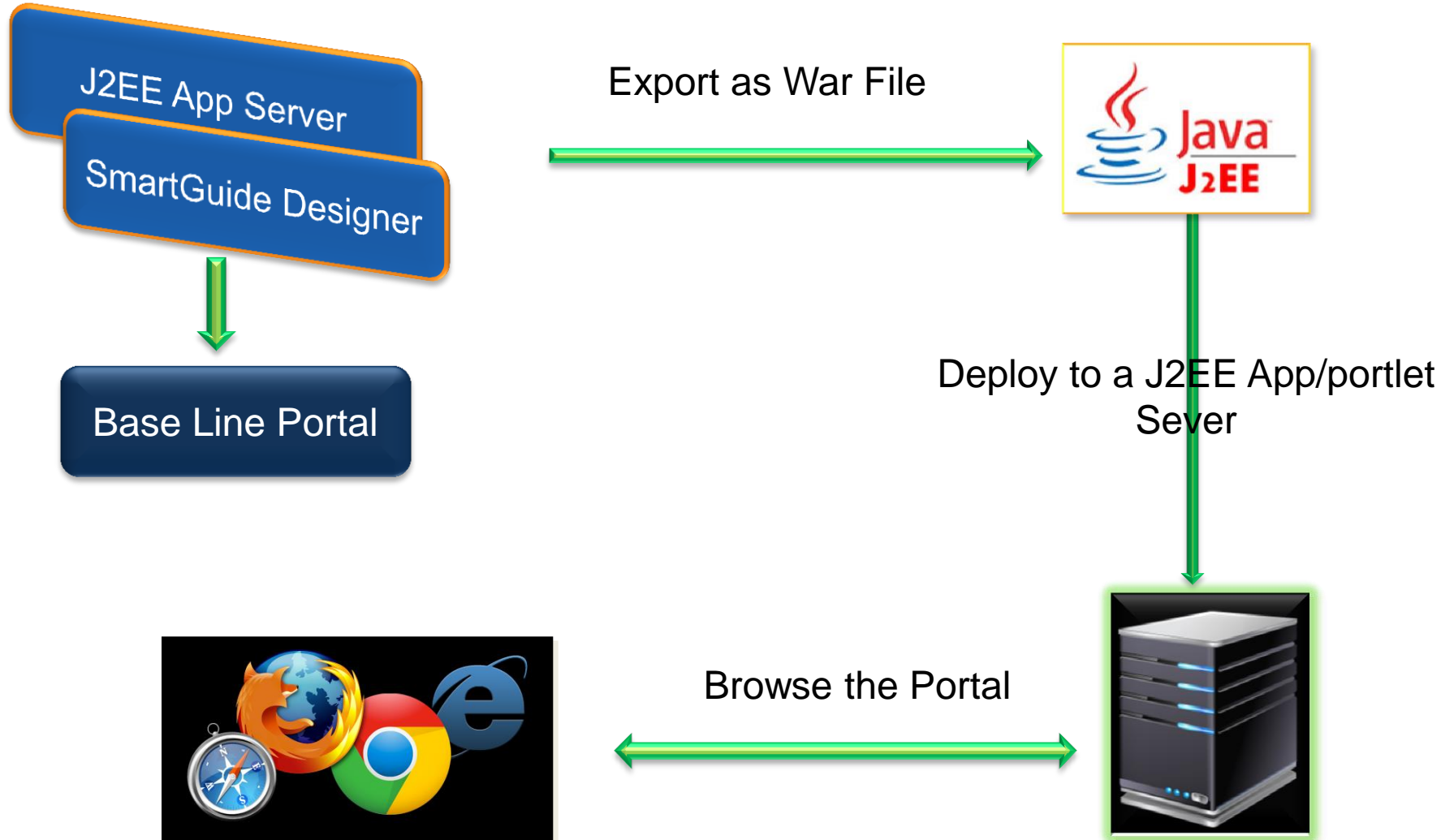## Courts

- A
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FOIA/ATIP/RTI

- A
- B
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AMANDA Public Portal

- Smart Guide Portal Solution.

- Application supported on J2EE Application servers and Portlet Servers?

- Customers can Modify the baseline Portal to their requirements

- Public Search DashBoard

- Search Panel – Search by Data or by Map Options

- Map – Default Map view of Permits available for Public access

- Graph – Graphical view of Permits accessible by Public

- Responsive Web Design – Desktop Browser, Tablet Browser, SmartPhone browser.

- Add your Own themes.

- Customization of pages and page flow.

- Define your own client side Validations and Messages

AMANDA Public Portal

Smartguide Solution Portal Development Life Cycle

J2EE App Server

SmartGuide Designer

Base Line Portal

Export as War File

Java J2EE

Deploy to a J2EE App/portlet Sever

Browse the Portal

Portal deployed on a J2EE Application Server

Benefits

⊙ Installed as a Stand Alone Portal Application

⊙ No additional J2EE server Infrastructure
1. The Portal can be deployed on any J2EE complaint app server
2. The Portal can co-exist on the same AMANDA App servers

⊙ Service Oriented Architecture
1. Portal communicates with AMANDA via web services

⊙ ?

Portal deployed on a J2EE Application Server

Disadvantages:

⊙ Integration with existing Portals
 1. Integrating with Existing Portal Application will require Code changes.

⊙ Extensions – Software extensions add on
 1. Integration of Wiki, blogs, Social Team pages, Chat software will require code change

⊙ Customization and Personalization : Customization and personalization of Data specific to the user profiles.

⊙ SSO – Portal has to use the AMANDA Single Sign On Component through Web services

Portal deployed on a Portlet Server

Benefits

⊙ Integration with existing Portlet Infrastructure

⊙ Personalization – Generate Personalized content and share or tag it.

⊙ Customization - Customize the Portal to meet the Customer Portlet Application architecture

⊙ Data Aggregation - Additional Data from other Portlets or external systems

⊙ SSO – Portal can use the Portlet container provided SSO component

⊙ Extensions – Software Extensions add on
  1. Wiki, blogs, Team pages, Social capabilities, Chat software.

Portal deployed on a Portlet Server

Disadvantage:

⊙ Additional Configurations – Configuration of Port let related themes, mapping of the JSP, portlet.xml.

⊙ Additional costs (Portal Server Infrastructure)
   1. Portal Server is required to be installed on top of AMANDA J2EE application server or a separate Port let server which runs independently.

⊙ Performance (Portlet-SmartGuide-AMANDA)
   1. All requests originate from the portlet and passes through the smartlets for communication with AMANDA services.
   2. Portlet uses the Portlet lifecycle for all requests and response in addition to SmartGuide server and AMANDA webservices processing.

⊙ Portlet Skills
   1. Portlet skills is required to configure the Portal to run on a Portlet server or enhancing the baseline Portal for new features

Thank You