Zoning Update & Land Use
ZULU

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The purpose of this presentation is to demonstrate ZULU as a direct interface with land development companies, engineers, and architects using the internet.
Application Highlights

- System provides security and user roles for both the municipality and developers
- Developer information such as preferred projection system and file format are stored in user profile
- System automates current business process for CAD design review and approval
- Quality review process is provided on-line for developer prior to submitting plan to municipality
- Municipality can accept/reject submittals using on-line quality review process
- Final post process can update municipal GIS data with new subdivision or developer project data
Benefits

- Reduce paper / green technology
- Improved business process for interfacing with developers
- Improved accuracy of plans submitted by developers
- On-line quality review for developer and municipality
- Reduced work content to update City GIS records
- Documented audit trail and metrics on developer performance
- Platform for further integration among various departments within the City
Process Flow

Start

Requestor logs into Secure GIS Site

Requestor Downloads Existing Boundaries

Requestor Logs Off Secure Site for Extended Period During Design

Requestor Performs CAD or GIS Design

Preliminary Design Upload to the COJ GIS

Requestor Notified of Approved Zoning or Land Use Change

Rejected on-line and

Design is Reviewed by Submitter & COJ Authority

Design OK?

Yes

No

Design is Reviewed for Positional Accuracy and Completeness of Request

Proposed Changes are Reviewed for Positional Accuracy and Completeness of Request

Proposed Change Submitted to Planning Council

Package Prepared for Review by Council

Modifications Requested by Council are Completed

Notified of Approved Zoning or Land Use Change

Approved by Council?

Yes

No

Final Post New Zoning and Land Use into COJ GIS

Notice Returned to Requestor

End
System Architecture

City of Jacksonville e-Plats for Zoning and Land Use System Layout

City of Jacksonville IT Infrastructure
- LDAP or Other Security Server
- Public Web Server
- E-Plats User Interface and Application
- COJ Intranet
- Firewall
- Sun Server ArcSDE, Oracle And Data Loader Process

Public Internet
- Public User 1
- Public User 2
- Public User 3

Planning 1
- GIS
### Profile

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Update

Register User
Polygon Selection
Data Download
Data Upload

Zoning Update and Land Use - ZULU
GIS Data Upload Processor

Job Maintenance

Username: PAT@GEERSERVICES.COM
Company: GEER SERVICES, INC
Available Jobs:
GS000530 - 20080530 09:22:37-daas_LUtest_0530
Submit | Remove
Attachments

Job - Document Attachments - Upload Page

Run - Upload Document

Job ID
Document Type
Description
File

File

Browse..