Integrated GIS
For Local Government in Japan

Session Title:
Authoritative Data Management and Sharing

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The situation of Japan

- Location
- Population  ➞ 128 million
- GDP ➞ rank 3
- Disaster ➞ Earthquake, Volcano, Typhoons, Tsunami
- Government ➞ 13 Central Government ➞ 47 Prefectures & 1719 Local governments
Basic Action Plan in Japan

- Basic Act on the Advancement of Utilizing Geospatial Information

「Goal to by Achieved」
“Realization of an Advanced Geospatial Information Utilization Society”

⇒ “Ubiquitous Society”
Responsible of GIS (1)

- Promoting utilization, development, and preservation of the land
  ⇒ Easier understanding

- Enhancing the efficiency and quality of administration

Public Infrastructure
  ⇒ Land, Road, Water-supply, Swage, etc
Responsible of GIS (2)

- Enhancing the safety, security and convenience of people’s living

- The development and growth of new industries and services
Introduce Our Products

- We are **NO.1** seller in Japan Since 2010
  - ⇒ArcGIS Server
- 200 Customers more
- Our products “ALANDIS NEO”
  - **Asia**
  - **LAND**
  - **Information**
  - **System**
Integrated GIS ALANDIS NEO

- System Concept

[Diagram showing ALANDIS NEO system with sections and components]
Integrated GIS ALANDIS NEO

- User Level and Functionality

- User Power User

- Administrator

- ArcGIS Server

- ArcGIS Engine

- ALANDIS NEO WebGIS

- ALANDIS NEO PKG

- Fixed Assets

- Road

- Water

- City Plan

- Users

- Administration System

- ArcGIS Server

- ALANDIS NEO PKG
Configurable ALANDIS NEO applications and
Native ArcGIS Runtime SDKs

ALANDIS NEO Core
Applications
• ArcGIS Engine
Runtime
• .NET Framework 3.5

ALANDIS NEO PKG
Applications
• ArcGIS Engine
Runtime
• .NET Framework 3.5

ALANDIS NEO WebGIS
Applications
• ArcGIS Server
Javascript
• .NET Web ADF

ALANDIS NEO FLEX
Applications
• ArcGIS Server
Flash 10.0+
• Action Script

ALANDIS NEO Mobile
Applications
• ArcGIS for Android SDK
Android 2.2+
• Java

ArcGIS
Applications
• View, Editor, Info
Runtime SDK
• Native

PowerUser
PowerUser
Users
Users
PowerUser & Users
Administrator
Demo1 - WebGIS for ADF.NET

- Topic
  ArcGIS Server 10  ADF.NET
  Ext Js 3.4 (Javascript Framework)
  jQuery 1.5
Demo2 - Core for ClickOnce

- Topic

ArcGIS Engine Runtime 10
.Net Framework 3.5 SP1
Demo3 - WebGIS for Flex

- **Topic**
  
  ArcGIS API for Flex 2.5  
  Flex Builder 4.1 → Flash Player 10+

↓ Link ↓

http://web.gis.survey.ne.jp/aas/demo_01/AutoLogin.aspx?u=guest2&minx=15019612.427932521&miny=3988126.4828451257&maxx=15335450.228806717&maxy=4179524.8016711148&s=1155581&l=0

http://web.gis.survey.ne.jp/sanda/tokei/
Demo4 - Mobile for Android

- Topic
  ArcGIS Runtime SDK for Android 1.1
    → Java
    → Eclipse plugin 3.6
    → Android SDK 2.2+
Effect: By using ALANDIS NEO, Government can communicate to citizen

ALANDIS NEO’s Concept:

STEP 1 Create, Manage, Maintain Infrastructure Data

STEP 2 Provide infrastructure data

STEP 3
- Section ①: Citizen’s opinion
  - Electronic apply
- Section ②: Citizen’s opinion
  - Electronic process
- Section ③: Land Information
  - Citizen’s opinion
- Section ④: Roads
- Section ⑤: City Plan
- Section ⑥: Water supply

ALANSIS NEO provide e-government basement

Governments

Citizen Company

Public Geospatial Information
- Planning Image, Feature Image
- Event Information

Want information
- Convenient Information

Regulatory Information

C to G
- Demand
- Complaint

G to C
- Opinion
- Questionnaire

STEP 3 -① Citizen’s opinion
- Electronic apply

STEP 3 -② Citizen’s opinion
- Electronic process

ALANDIS NEO provide e-government basement

ALANDIS NEO provide e-government basement
Conclusion

- ArcGIS Lineup is the best products for us

- ALANDIS NEO is Integrated GIS.
  - Adjust the size of customer’s system scale
  - Adjust the size of customer’s budget

- Deploy
  - Electric industry, Communications industry and Railways industry

- In the future
  - International Customer
Thank you for your attention!

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