Introduction to Schneider Electric and ArcFM 10.2

Konference GIS Esri v ČR
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Agenda

● Corporate Overview and Vision
● The ArcFM Solution
● Our Latest Release – ArcFM 10.2
● Looking Ahead
● exchange
Corporate Overview and Vision
You May Know Us By a Different Name…
A global company

$31 billion sales in 2012

41% of sales in new economies

140,000+ people in 100+ countries

with a strong US presence

+18,000 US employees

40 US manufacturing facilities

committed to innovation

4-5% of sales devoted to R&D

Some of the world class brands that we have built or acquired in our 175 year history

Delivering Solutions for End Users

<table>
<thead>
<tr>
<th>Category</th>
<th>Market Share</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utilities &amp; Infrastructure</td>
<td>25%</td>
</tr>
<tr>
<td>Industrial &amp; machines</td>
<td>22%</td>
</tr>
<tr>
<td>Data Centers</td>
<td>15%</td>
</tr>
<tr>
<td>Non-residential buildings</td>
<td>29%</td>
</tr>
<tr>
<td>Residential</td>
<td>9%</td>
</tr>
</tbody>
</table>
Over 600 Utilities but our opportunity is even bigger
Solutions Vision and our Mission
Geospatial Network Asset Management

Pervasive incorporation of geospatial business value
Electric, Telecom, Gas, Water, Cities
Enterprise to Operational

**Automation Devices**

- Commodity Generation
- Station Automation
- Distribution Automation

**Real Time Integration**

**Control Center**

- SCADA
- DMS
- OMS
- Operational Data Historian – Time Series

**Enterprise Integration**

**Enterprise Geospatial**

- ArcFM Solution in Desktop, Server, Web, Mobile and Cloud
- For Electric, Gas, Water and Telecom Models

Weather as a Service

1. **Connect** real-time data from sensors & customers

   >21,000 weather sensors globally

2. **Predictive analytics & geospatial visualization** to provide intelligence

3. **Best-in-class SaaS offers** for weather decision-support

   - **Utilities**
   - **Water**
   - **Data Centers**
   - **MMM**
   - **Health Care**
   - **Oil & Gas**
   - **Transport**
   - **Ag**

Leading provider of weather services to Utilities, Transportation, Cities
Component Architectures Give Way to Services

Future App & Service Fabric

Network Data Model Evolution
Organizationally in SE

- Joining new Global Solutions and Cloud Services Practice within SE
  - Geospatial Asset Management is our focus
- Expansion of Products and Services
  - Increasing investment in ArcFM Solution Family
  - New investment in “As-A-Service” Offers
- Serving Electric, Gas, Water, Telecom, Cities
The ArcFM Solution

Enterprise GIS by Schneider Electric
ArcFM is the Solution

A Complete Integrated Enterprise System

Asset Management
- Network Asset Inventory
- Network Connectivity
- Aging Infrastructure
- Data Integrity

Planning & Analysis
- Network Planning and Growth
- Construction
- Sales and Marketing

Field Mobility
- View and Query
- Construction
- Trouble Response
- Compliance Activities

Operations
- Trouble Response
- Real Time Monitoring
- Work Management

Smart Network Data Model: “Single Version of the Truth”
ArcFM is the Solution

A Complete Integrated Enterprise System

Asset Management | Planning & Analysis | Field Mobility | Operations

Smart Network Data Model: “Single Version of the Truth”
Challenges of Enterprise GIS

● Maintain vital facility information

● Illustrate and maintain the utility network

● Supply enterprise systems with key asset information
  ● Dynamic data
  ● Accurate edits

● Smart grid is data intensive – how are you going to feed it?
Trends and Drivers

- GIS data is the system of record
- Infrastructural knowledge is crucial
- Leverage GIS for decision support and analysis
- Asset management in the cloud
- More assets in the Smart Grid network
ArcFM at a Glance

● Complements Esri’s ArcGIS

● Focused on your utility network — a working model for your facilities

● Provides editing processes and validation to support your network model

● Provides ways to standardize how multiple users in your organization work with your network model

● Advanced network tracing — specific to a utility’s needs
ArcFM Benefits

- Reduces cost
  - Productivity tools provide faster editing
  - Reduces IT maintenance cost for faster flow of data

- Enforces rules and standards for maintaining data

- Manages data crucial to the enterprise
  - Networked data model
  - Provides asset data to other systems in your enterprise solution

- Field mobility
  - Current data in the field
  - Inspection and redlining for improved data accuracy
Our Latest Release: ArcFM 10.2
Biggest Release in Product History

- Advanced Networks
- Advanced Design
- Utility Operations
- Data Availability
- Field Mobility

- Feeder Manager 2.0
- OHDA
- Jumpers
- Wavepoint
- Orbit
Release Dates

10.2 – September 4

*OHDA – October 29
Looking Ahead
10.2.1 – Core Technology Improvements

● Performance is Everything!

● 100% Dedication to Core Technology Improvements Post-10.2
  ● ArcFM and Designer
  ● Performance and usability
  ● Other roadmaps continue
  ● Esri and Schneider working together
Long Term Vision

- Support the ArcGIS Platform
- Web Services and SaaS
  - Power of utility GIS
  - Focused applications
  - Distinct utility value
  - Quickly deployed
- ArcFM Next-Generation
  - Desktop, web, mobile
“Thunderbird”

- Utility GIS Data
- Weather Web Services
- Analytics

= Storm Impact Over Time
Orbit

- Helps you get your field work done
  - Where to go
  - What to do
  - What information to gather
- Delivered via Saas
  - Launched July 1st
  - Last update Sept. 5
- Rapidly deployable
- Easily scalable
Orbit - Key Points

- Orbit does not host GIS data in the cloud
- Orbit only stores task information in the cloud
- Orbit works with the GIS data you already have
ArcFM Solution Investment - Past

The chart illustrates the investment trend for different components of ArcFM Classic, from the Core GIS to Mobile Platform. The line graph shows a downward trend from Core GIS to Engineering Analysis, followed by a slight increase towards Mobile Platform.
exchange
a new, unified, online collaborative community for YOU, our clients and partners, regarding all things GIS and utilities.

Customer Support
Partner Enablement
Product Ideation
Online Education
Events Execution
Developer Engagement

24x7x365
personalized
interactive
Questions?

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