

Visualizing DIMP Results with Operations Dashboard

Esri User Conference 2016

Introduction

- Robin Magelky, Integrity Plus
 - Sr. Director of Integrity Management

- Justin Calvert, New Century Software
 - Technical Product Manager

Agenda

- Distribution Integrity Management Programs
- Today's Top Challenges
- Leveraging Esri Solutions
- Adding Integrity Management Expertise
- Real-World Example
- Summary

Elements of DIMP

Know Your System

Identify Threats

Evaluate & Prioritize Risk

*Identify & Implement
Measures to Address Risk*

*Measure Performance
Monitor Results
Evaluate Effectiveness*

*Periodic Evaluation &
Improvements*

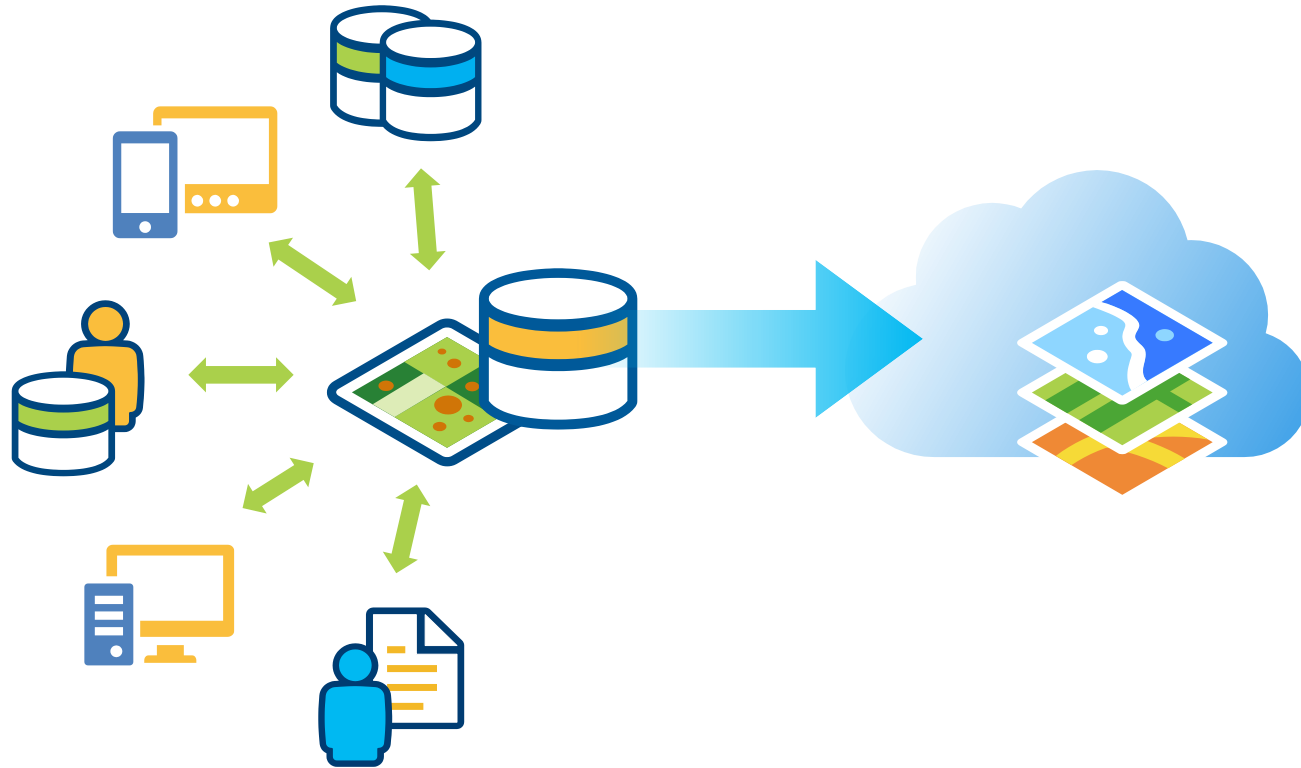
Report Results

There is an industry-wide inability to
**visualize results, communicate
information, and facilitate actionable
improvements.**

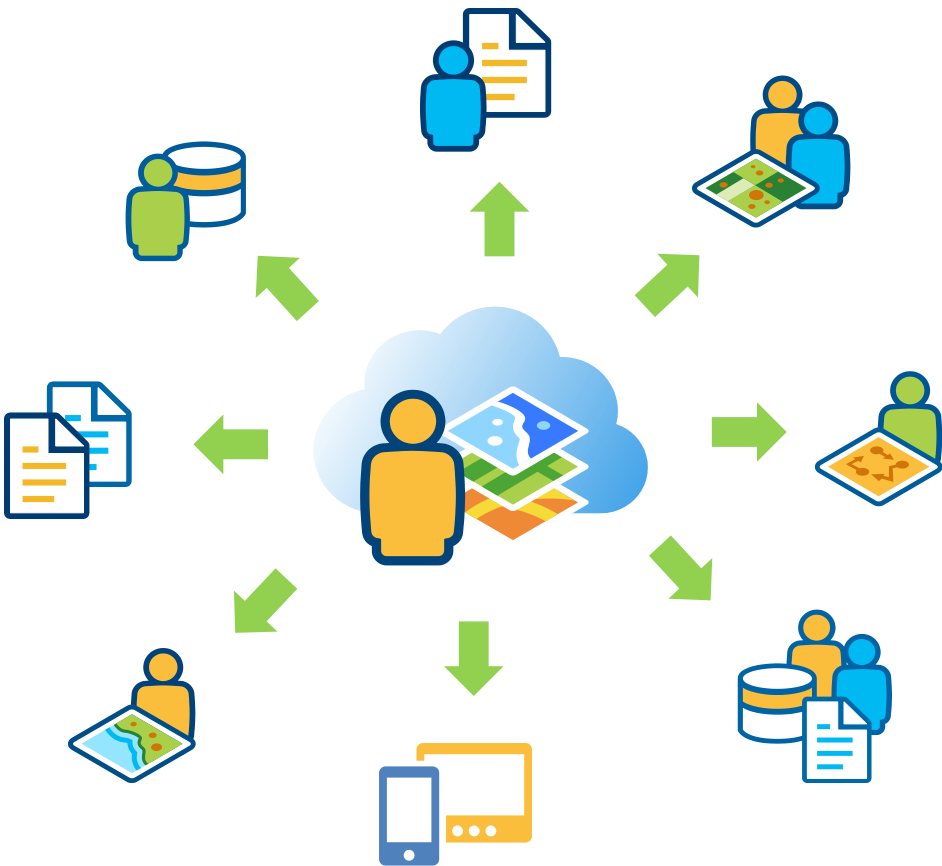
Key Challenges

- Static Maps Are Not Flexible
- Disconnected Teams
- Frequency of DIMP Analysis

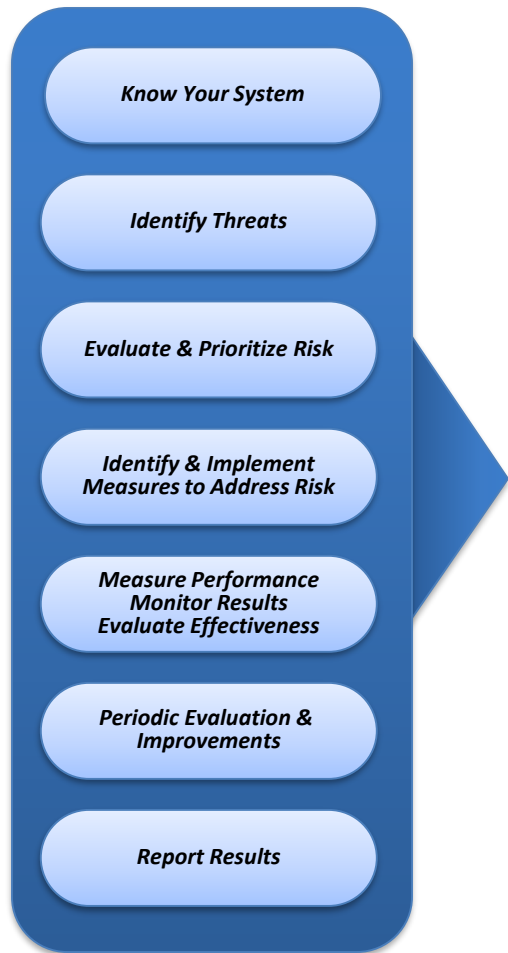
Why is the Platform Valuable?



System of Engagement



Expertise Meets Technology



DIMP



New Century & Esri

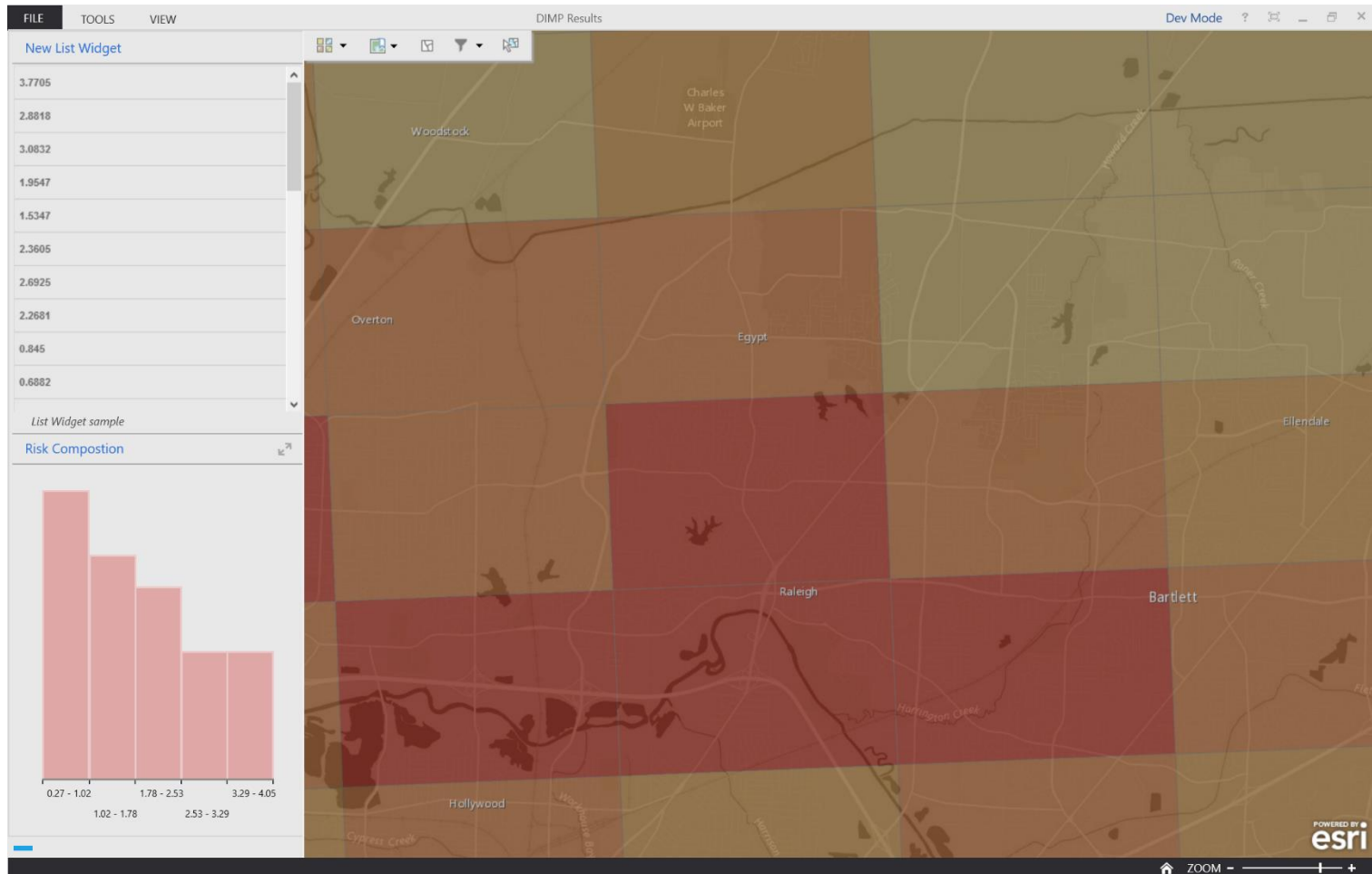


- Meets Regulations
- Maximize Value of Data
- Plan for Program Improvement
- Better Business Decisions

Web Maps: The New Data Source

- What is a web map
 - JSON representation of a collection of layers, basemaps, bookmarks...
 - Object that stores a user created map, stored in your portal
- Benefits of web maps
- Empowers users (Why not just ArcGIS for Server)
 - Easily add remove data
 - change symbology
 - Save bookmarks
 - Publishers control access
- Reduces code to maintain
 - Huge benefit to vendors and users
- Consumed throughout the platform

Web Opps Dashboard

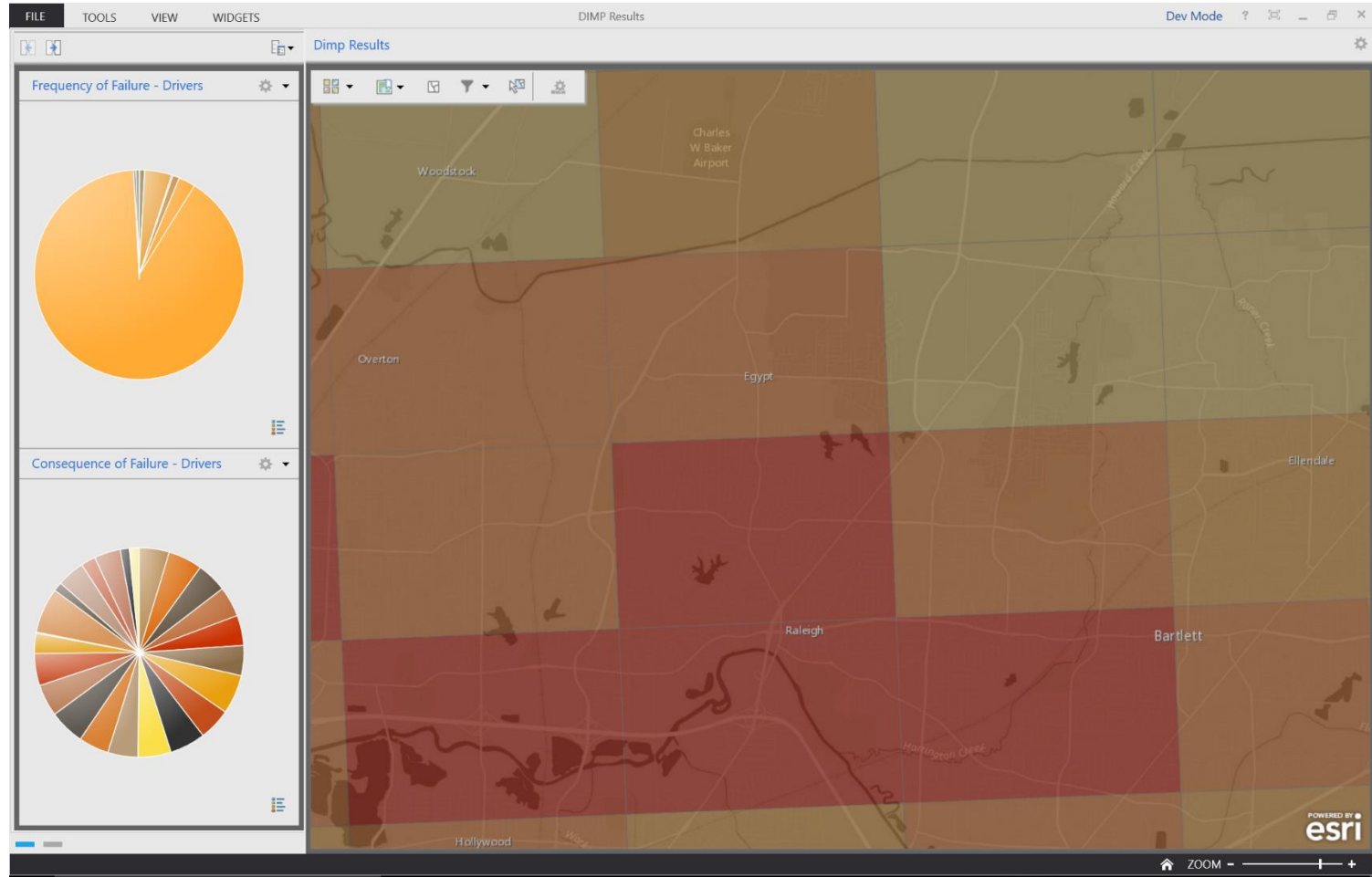


Case Study

- Distribution Operator
- Needed Risk Analysis
- Integrity Engineering Team
- Struggled with Communication / Visualization



Summarizing Risk Drivers



Summary

Questions

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