Agenda

- **Introductions**

- **ArcGIS for Water Utilities Overview**

- **Meeting Common Needs with ArcGIS for Water Utilities**

- **Getting Started with ArcGIS for Water Utilities**

- **Demonstrations**

- **Your Feedback**

ArcGIS for Water Utilities

A product for Esri's water, wastewater & stormwater customers

- **Maps and apps focused on water utility work**
  - **Freely available to Esri customers**
    - **As a module of ArcGIS for Local Government**
    - **Fully supported**
    - **Configurable & extensible**
  - **Leveraging the full ArcGIS platform**
  - **Complementary Esri services & partner offerings**

Web Apps

Basemaps

Local Government
Information Model

Models/Charts
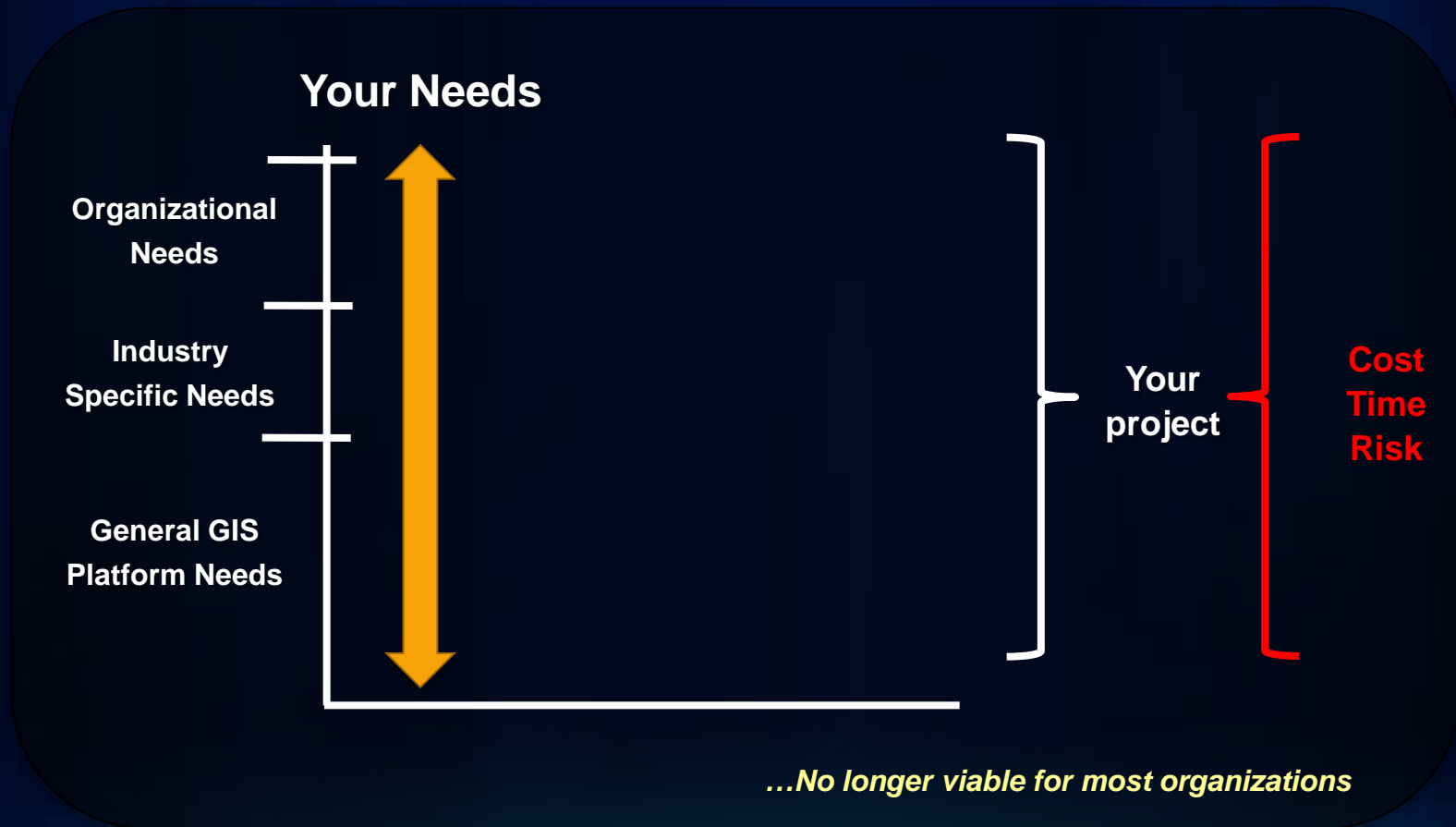
Editing
Workflows

Mobile Apps

ArcGIS for Water Utilities Mission

Help you increase the value of GIS in your organization

- **Make it easier to deploy ArcGIS**
    - **Deliver applications quickly throughout your organization**
    - **Create a geospatial platform that can be leveraged by everyone**
    - **Stay current with future releases / avoid legacy technology**
- **Address common constraints in water utilities**
    - **Size and skills of staff**
    - **Budget and time available to implement**
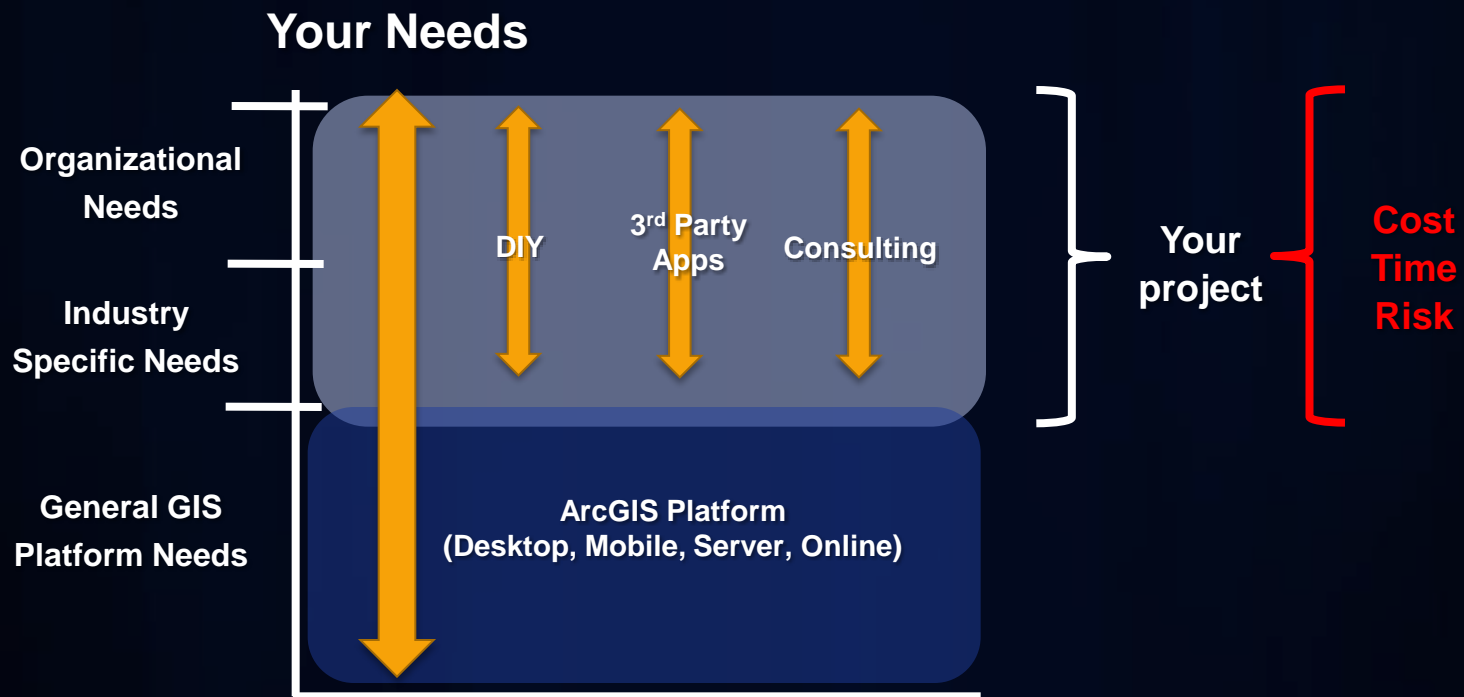- **Empower the community to contribute**
    - **Users**
    - **Partners**

A Legacy Approach to Meeting GIS Needs

Piecemeal & Custom

Your Needs

Organizational Needs

Industry Specific Needs

General GIS Platform Needs

Your project

Cost Time Risk

…No longer viable for most organizations

Water Utilities Have Common Needs & Challenges

ArcGIS for Water Utilities Extends the ArcGIS Platform for Water Utility GIS

Your Needs

Organizational Needs	DIY	3rd Party Apps	Consulting

Your project — **Cost Time Risk**

Industry Specific Needs

Focused Maps & Apps
Harmonized information model

ArcGIS for Water Utilities

General GIS Platform Needs

ArcGIS Platform
(Desktop, Mobile, Server, Online)

…Enabling you to focus on true organizational needs
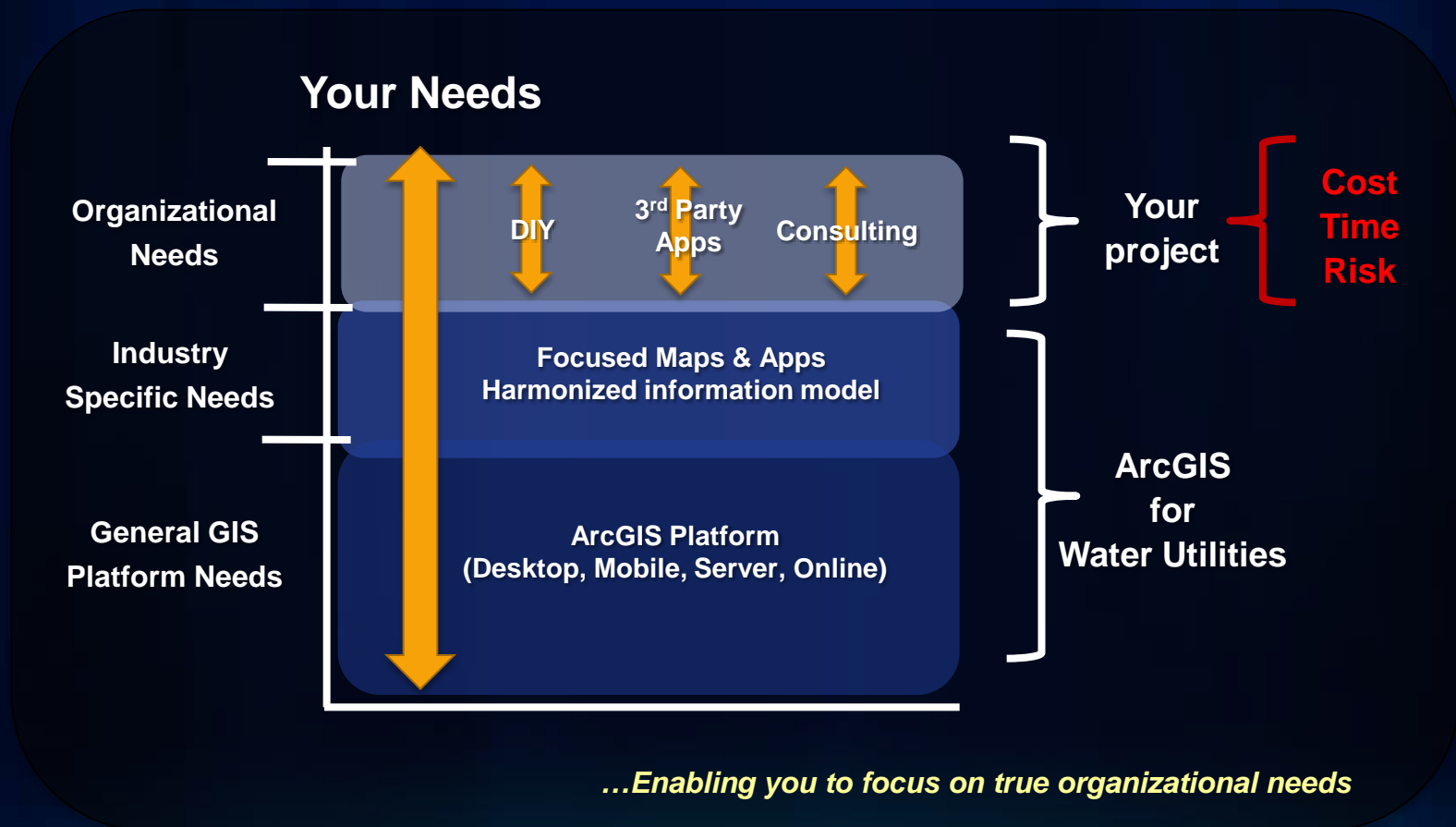
ArcGIS for Water Utilities Builds on Our Solution Patterns

Asset Management	Planning & Analysis	Field Mobility	Operational Awareness	Stakeholder Engagement

Water Utility

Store, manage & maintain accurate asset records	Transform data into actionable intelligence	Get information into and out of the field	Disseminate knowledge where & when it's needed	Share information with stakeholders

And Encompasses the Maps & Apps from our Templates

Local Government Data Model
Water, Sewer & Stormwater

Operations Dashboard
Operational Awareness

Network Editing
Data Reviewer
Asset Information Management

Resource Center

Customer Interaction
Stakeholder Engagement

Capital Improvement Planning
Planning & Analysis

Mobile Map
Field Mobility
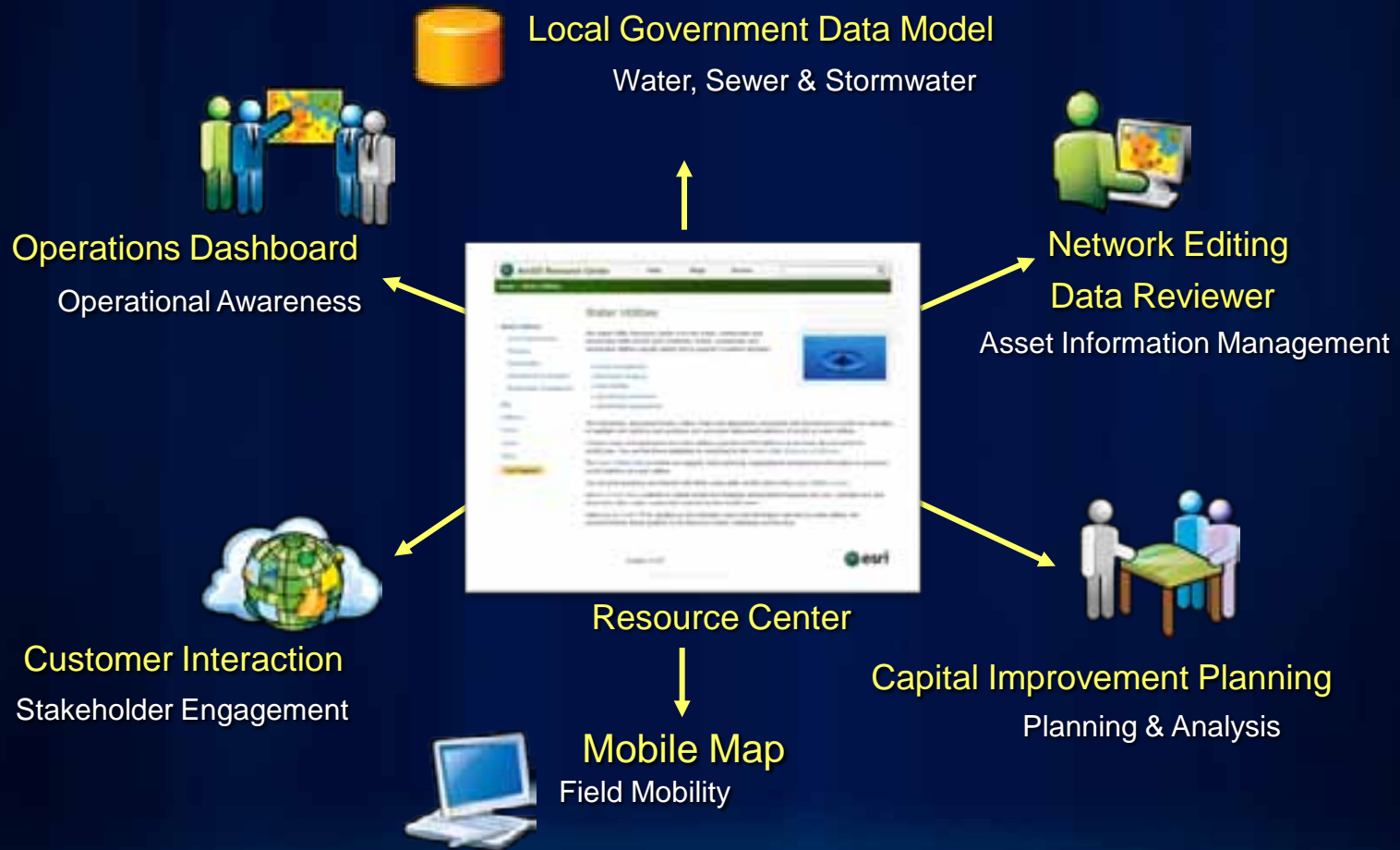
…An evolution, not a revolution

ArcGIS for Water Utilities Includes an Online Community

…The Resource center & ArcGIS.com

Flexible Deployment Options

ArcGIS for Water Utilities can be Implemented in the Cloud

On Premise

Cloud Hybrid

In The Cloud

…More Cloud Options On the Horizon

Implementing ArcGIS for Water Utilities

Simple Steps to Get Started

Identify business priorities

Identify business requirements

Migrate data to information model

Publish your Maps

Configure and deploy the apps

The Local Government Information Model

- **Supports ArcGIS for Local Government maps & apps**
  - Encompass water utility, base mapping & ancillary data
  - Easy to adopt and extend
  - Fully documented
  - Safe FME support (coming this summer)
- **Includes GDB schema, services & map documents**
- **An evolution of Esri's Water & Wastewater Data Models**

LocalGovernment
- Address
- AdministrativeArea
- AssessmentInformation
- CadastralReference
- CapitalPlanning
- CitizenService
- Demography
- ElectionAdministration
- ElectionResults
- Elevation
- EmergencyOperations
- FacilitiesStreets
- FieldCrew
- InfrastructureOperations
- LandUseOperations
- LandUsePlanning
- ParcelEditing
- ParcelPublishing
- PublicSafetyPlanning
- ReferenceData
- SewerStormwater
- Stormwater
- WaterDistribution
- CatchbasinInspection_ATTACH
- ConsumptionInfo
- DynamicValue
- FiveMeterHillshade
- FiveMeterSurface

Configure vs. Customize

Reduce cost, time and risk by maximizing configuration and minimizing customization
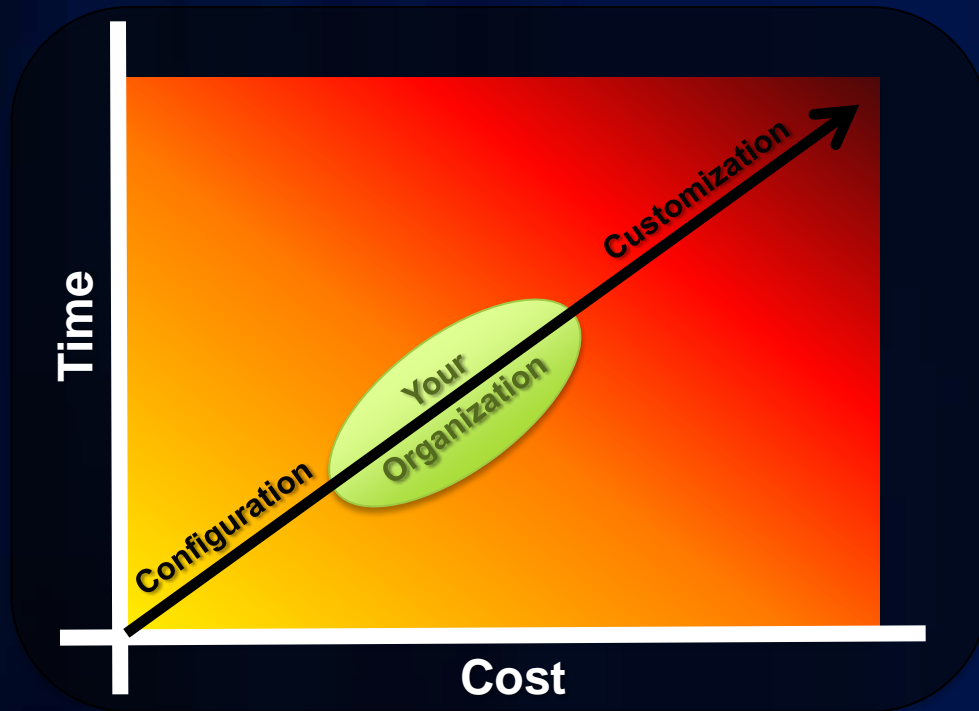
Benefits of configuration:

- **Implement quickly**

- **Easy to add new capabilities**

- **Simple to maintain**

- **Easy to extend**

….Configuration starts at the geodatabase schema

Summary

ArcGIS for Water Utilities is:

- **Maps and apps for water, wastewater and stormwater utilities**
- **Designed to be configured**
- **Freely available to Esri customers**
- **Fully supported**
- **A platform for Esri business partners to deploy solutions**

We Want Your Participation and Involvement

- **Download the maps and apps**

- **Provide feedback on existing content**

- **Help us identify opportunities for new content**
  - **Ideas.ArcGIS.com**
  - **Water Utility Forums**
  - **At the User Conference**

Other Sessions @ UC

<u>Thursday</u>

8:55 - 9:15 - ArcGIS for Local Government's Planning Apps - An Introduction

An introduction to the ArcGIS for Local Government planning and development module

10:15 - 11:30 - ArcGIS for Water Utilities - Configuring

How to configure the ArcGIS for Local Government water utilities maps and apps

1:30 - 2:45 - ArcGIS for Land Records - Configuring

How to configure the ArcGIS for Local Government land records maps and apps

3:15 - 3:35 - ArcGIS for Local Government's Election Apps - An Introduction

An introduction to the ArcGIS for Local Government election module

4:05 - 4:25 - ArcGIS for Land Records - Improving Data Quality

An introduction to a set of ArcGIS Desktop Parcel Editor tools to improve parcel accuracy

<u>Friday</u>

9:00 - 10:15 - ArcGIS for Local Government – An Introduction (Second Offering)

An introduction to the ArcGIS for Local Government maps and apps

Questions

Please fill out your surveys…

www.esri.com/sessionevals

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