

# Smart Utility Open Meter

## ArcGIS Enterprise

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Franco Curatola

Key Account Manager Utilities - Oil&Gas

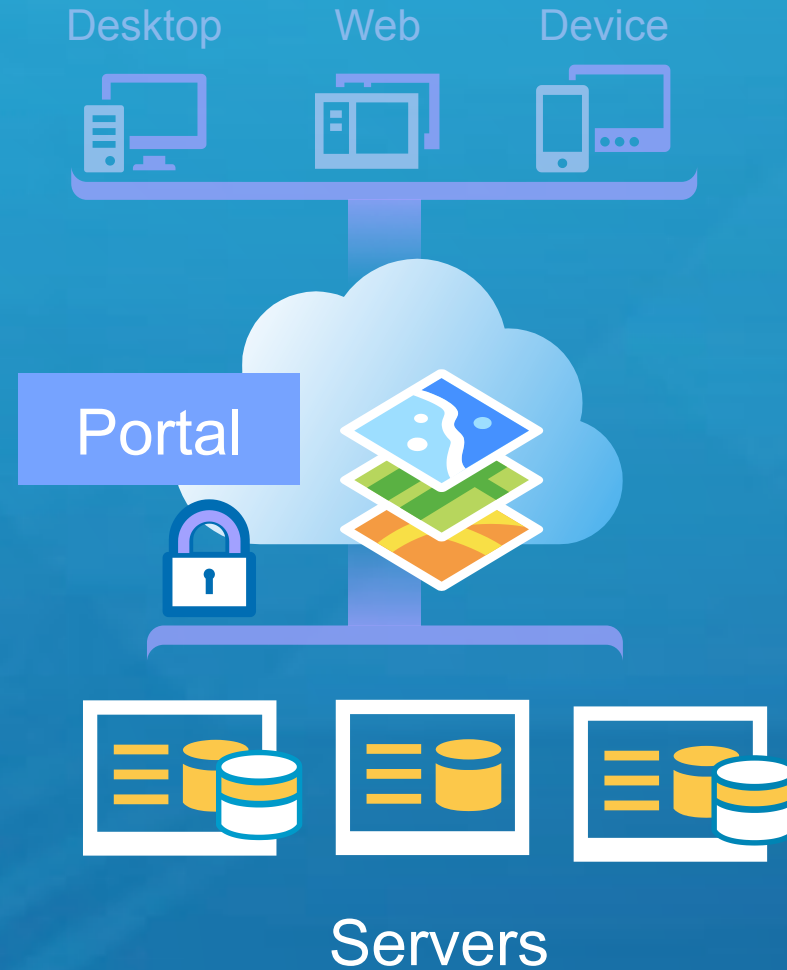


# ArcGIS Enterprise

Sistema di gestione delle  
operation on field

IoT Platform Gis Based

Real time GIS



Map-centric content management  
system per gli Asset del gestore:

Smart meter

Reti

Impianti

# ArcGIS Enterprise

- Mappe e Layers pronti all'uso
- Self-service mapping
- Creazione e gestione di nuovi contenuti
- Data hosting e mapping
- Visualizzazione, Editing ed Analisi
- Condivisione e Collaborazione
- Organizzazione e ricerca degli contenuti GIS



# ArcGIS Enterprise



## Field

## Office

## Public

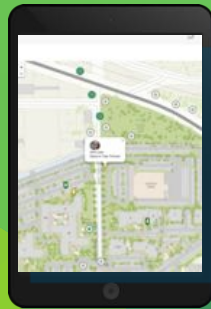
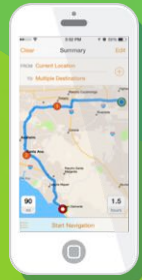
Navigator

Workforce

Maps for Office

Dashboard

ArcGIS Earth



Drone2Map

Explorer

Insights

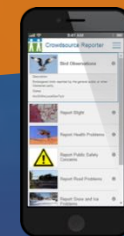
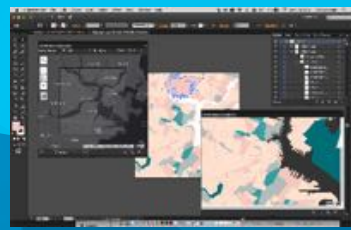
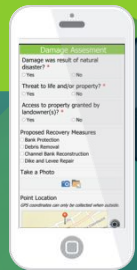
Story Maps



Collector

Adobe Creative Cloud

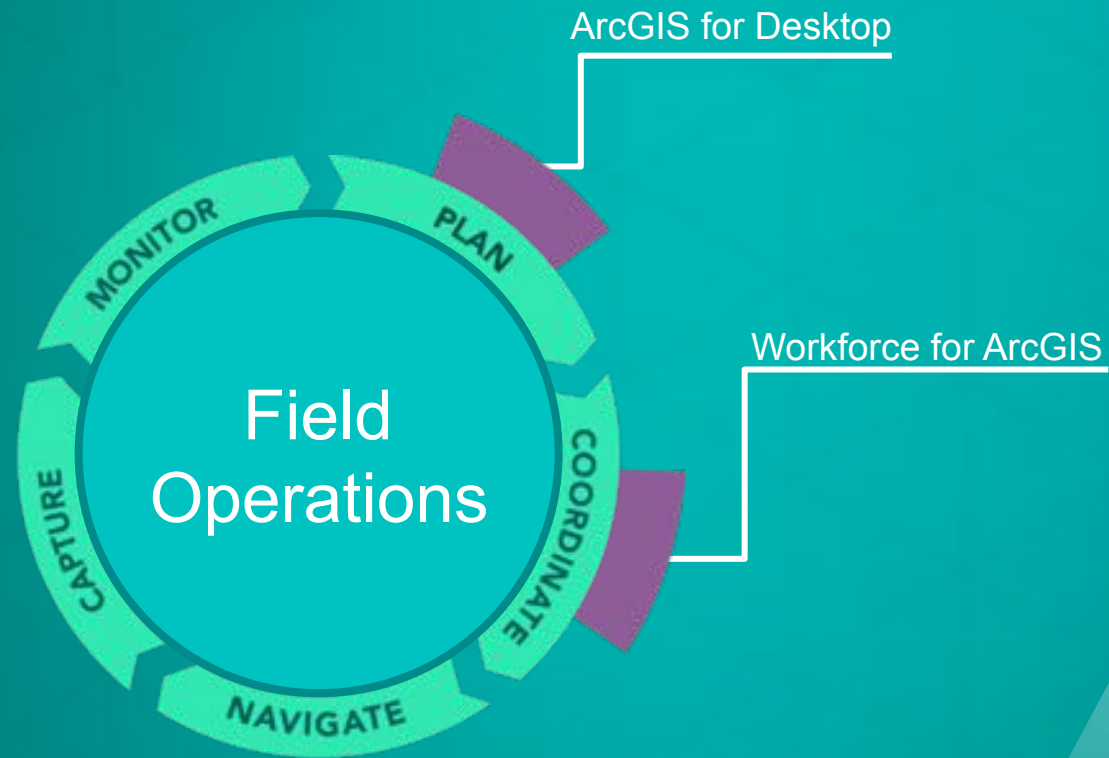
Crowdsourcing



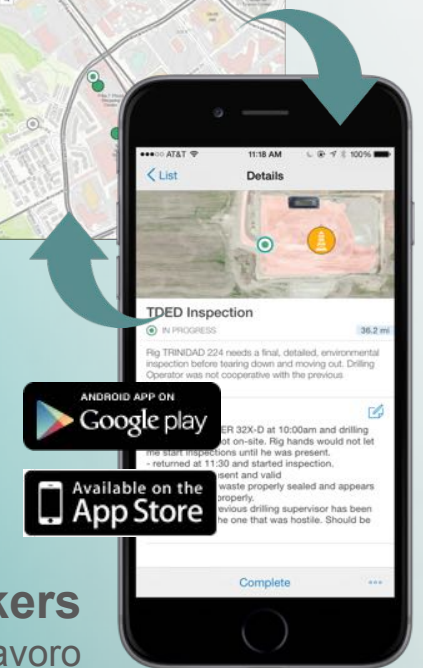
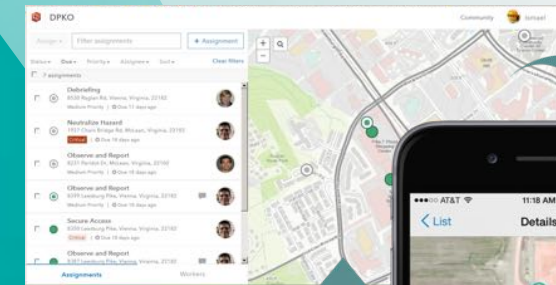
Survey123



# Workforce for ArcGIS

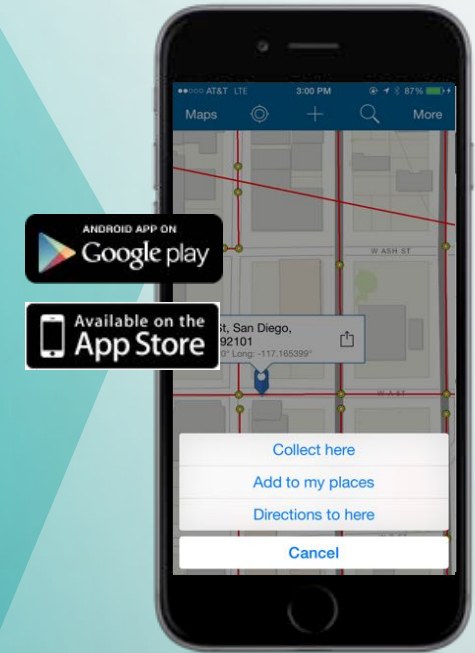
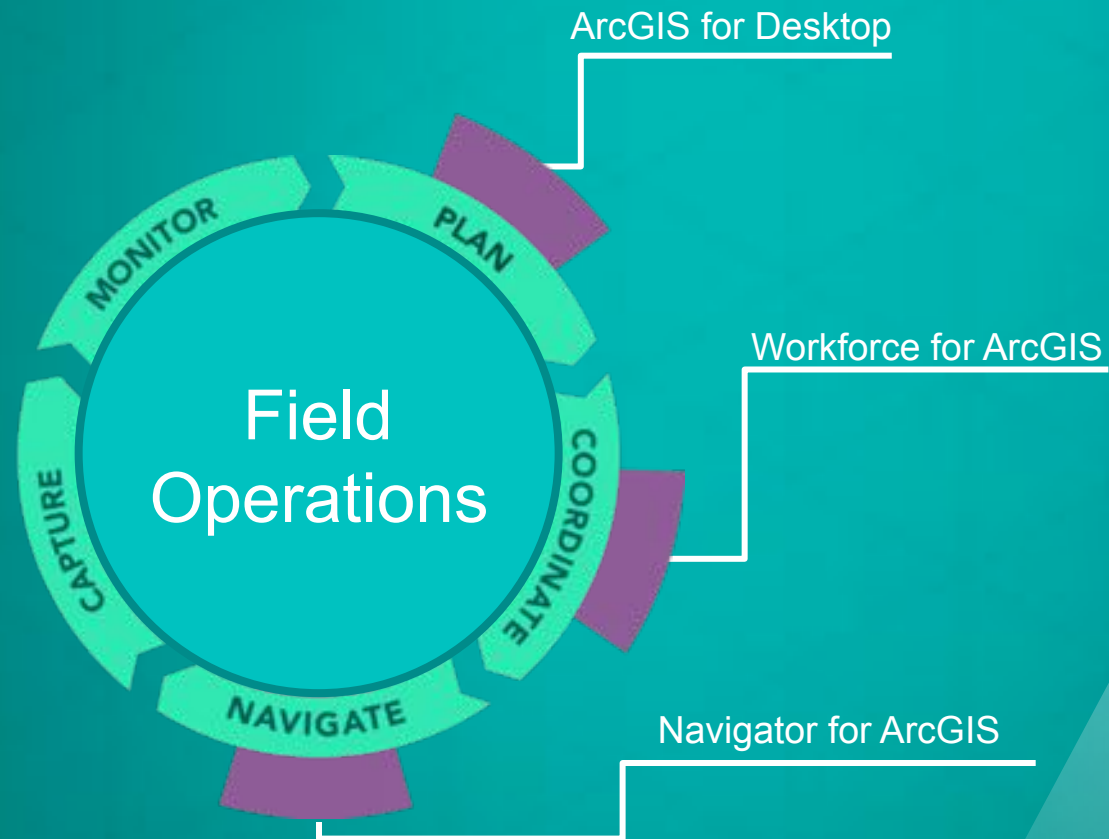


## Dispatcher Assegna attività



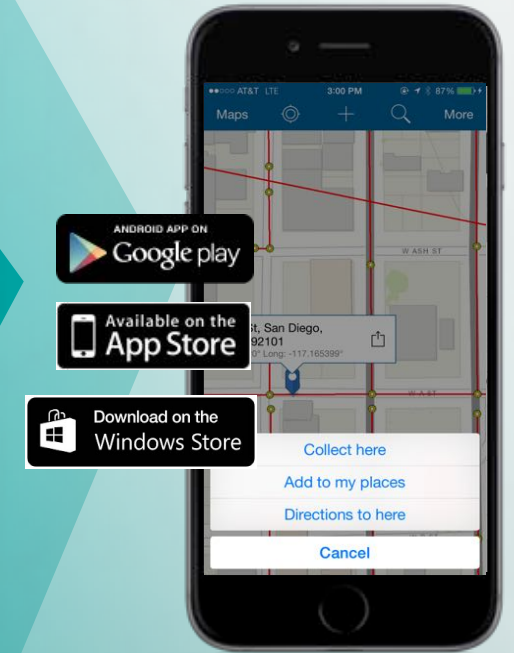
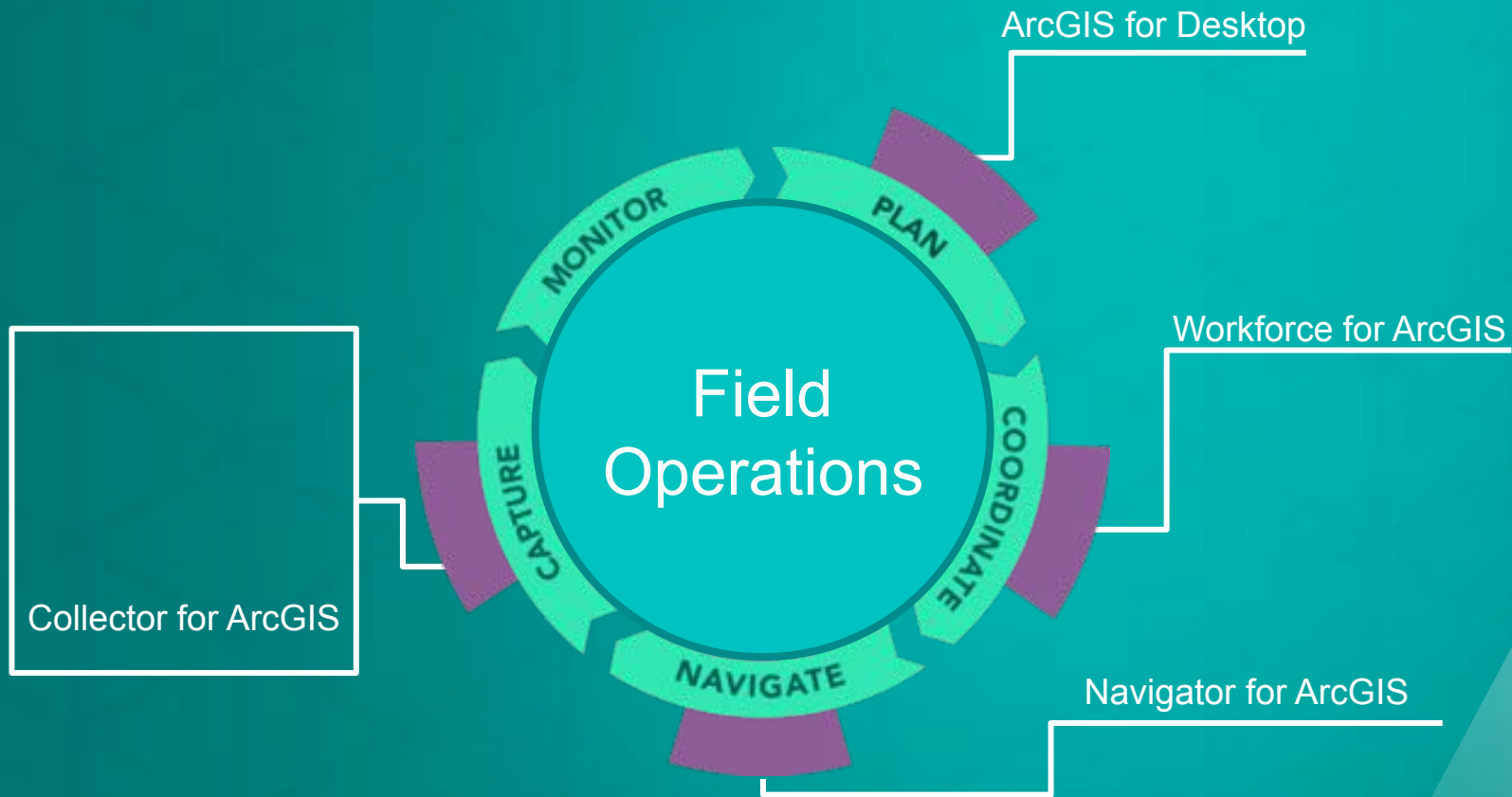
## Field Workers Riceve ordini di lavoro

# Navigator for ArcGIS



App-Link API  
Navigatore con mappe custom

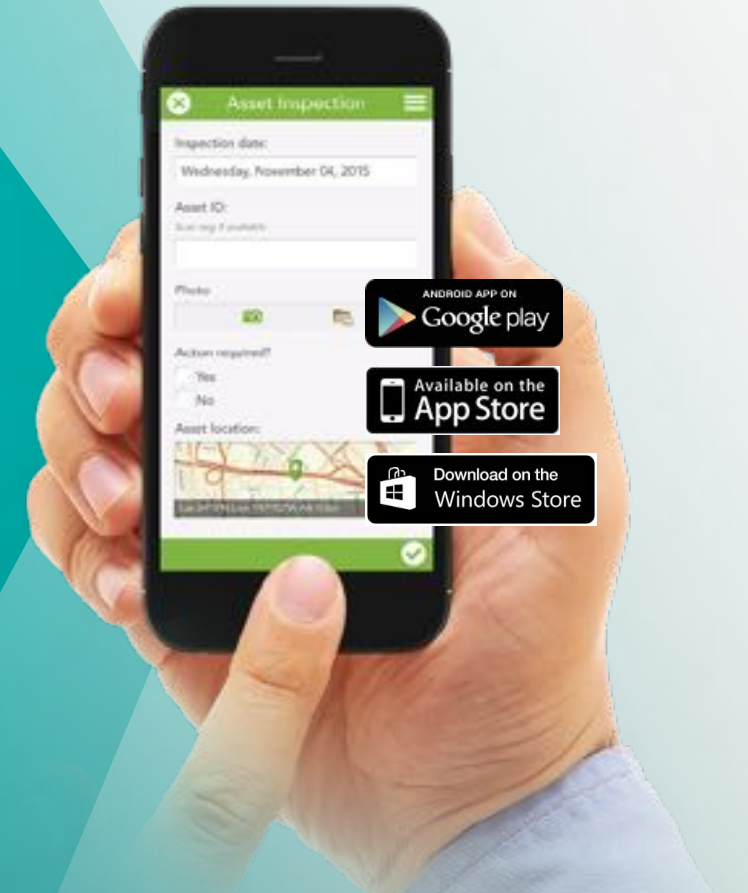
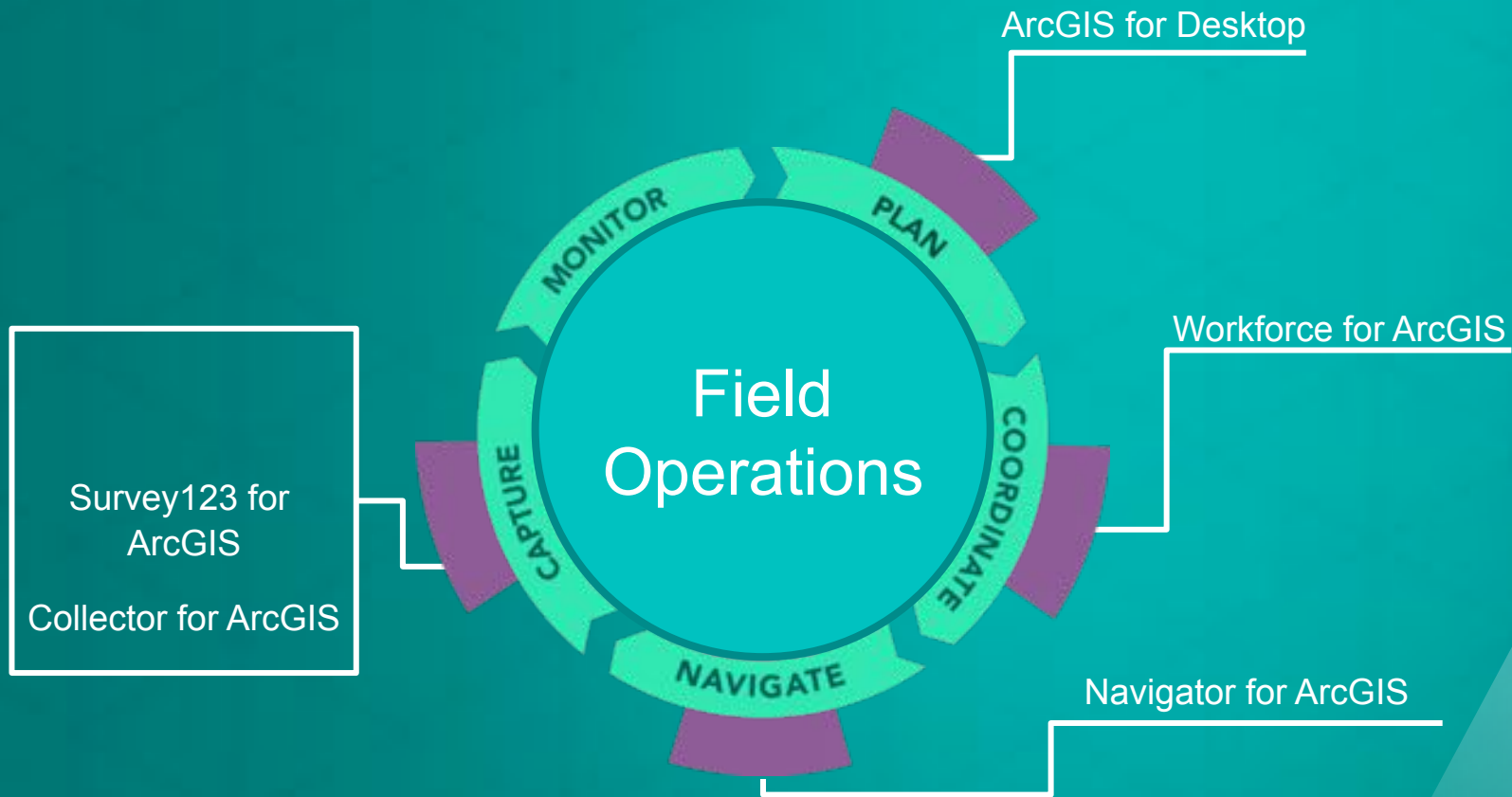
# Collector for ArcGIS



Editing da remoto  
Sincronizzazione

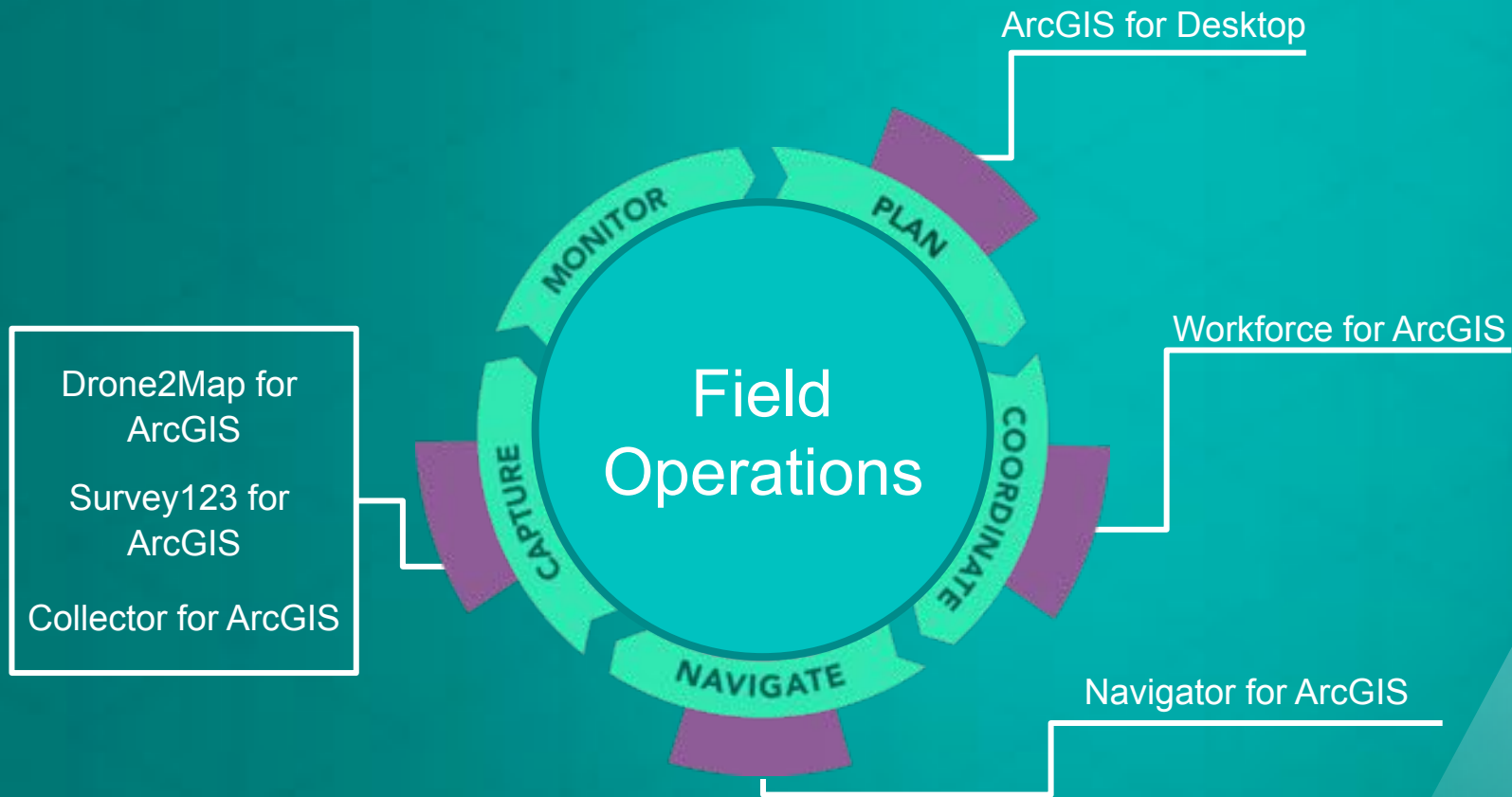


# Survey123 for ArcGIS



Survey geolocalizzato  
Smart Forms  
(Beta)

# Drone2Map for ArcGIS



2D Imagery, Point Clouds,  
3D Meshes  
(Beta)

# Operations Dashboard





# Workforce for ArcGIS

*Coordinamento e gestione a portata di mano!*

È una soluzione mobile che sfrutta la geolocalizzazione per massimizzare l'efficienza degli operatori di campo.



# Integrato con ArcGIS Apps



Navigator  
for ArcGIS



Collector  
for ArcGIS



Survey123  
for ArcGIS



Operations  
Dashboard for ArcGIS



# Water

*ArcGIS for Water provides maps and apps to maintain comprehensive water, sewer, and stormwater records; coordinate and plan capital projects; and improve the operations of utility networks that provide clean drinking water and protect public health.*

[Discover more](#) | [What's New](#) | [Get Training](#)



## Water Delivery

Monitor information about your water network assets, plan capital projects, respond to leaks, reduce water loss, optimize field work, communicate with customers, and more.



## Sewer Collection

Gain insight from CCTV data, improve capital project planning, maintain information about sewer network assets, perform field inspections, inform customers about surflows, understand service requests, and more.



## Stormwater Conveyance

Locate stormwater assets, find their discharges, manage information about stormwater networks, share stormwater maps, and more.

# Gallery

- Search Solutions Gallery
- Show All
- All
- Industries
- Local Government
- State Government
- Rails and Transit
- Health
- Oil
- Water**
- Telecommunications
- Emergency Management
- Defense
- Construction and Energy
- Manufacturing
- Operational Readiness
- Product Applications
- ArcGIS for Desktop
- ArcGIS Business
- Collector for ArcGIS
- Enterprise for ArcGIS
- Field Maps Extension
- Operations Dashboard for ArcGIS
- Web Applications for ArcGIS
- Web Applications
- Work Organization
- Category
- Data Management
- Field Mobility
- Geospatial
- Operational Awareness
- Planning and Analysis
- Community Engagement



Water System Analysis



Reservoir Data Analysis



Pipeline Flow Analysis



Water Service Request



Damage Index



High-Flow Water Visualization



Customer Complaints



Water Quality Monitoring



Water Inventory Reports



High-Level Visualization



GIS Process



Leak Investigation



Street Exchange Flow



Construction Site Location



GIS Inventory Reports



Water Web Location Flow



Water Utility Location Map



Water Utility Network Editing



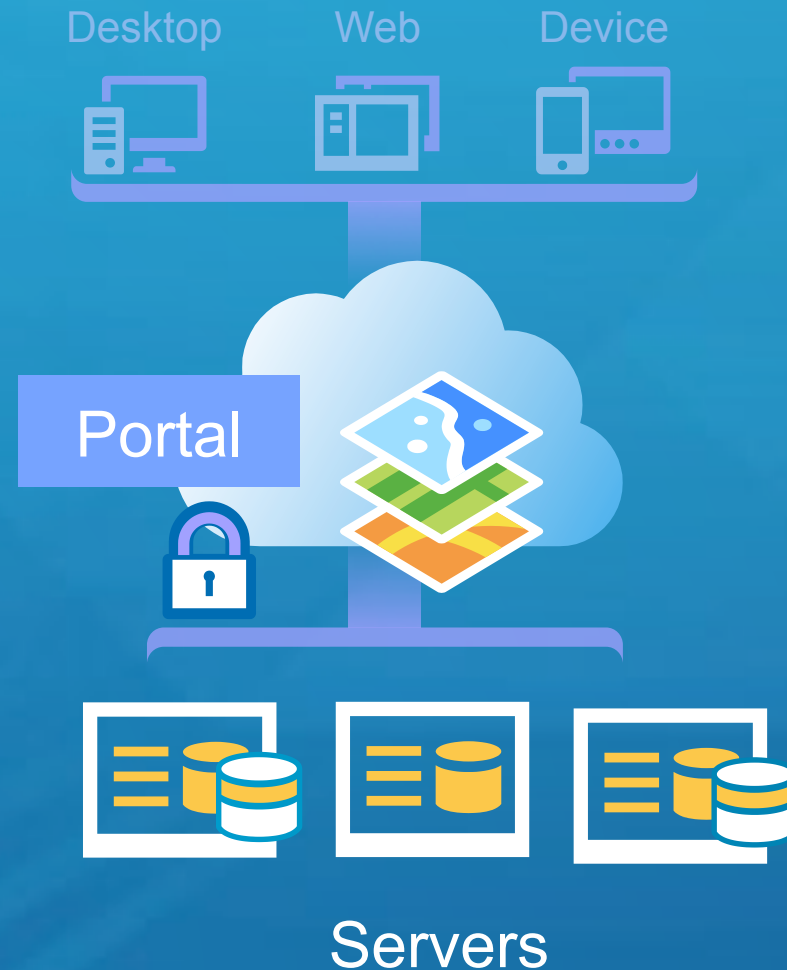
Water Utility Capital Improvement Planning



Water Service Callout

# ArcGIS Enterprise

Pianificazione del  
roll-out degli smart  
meter



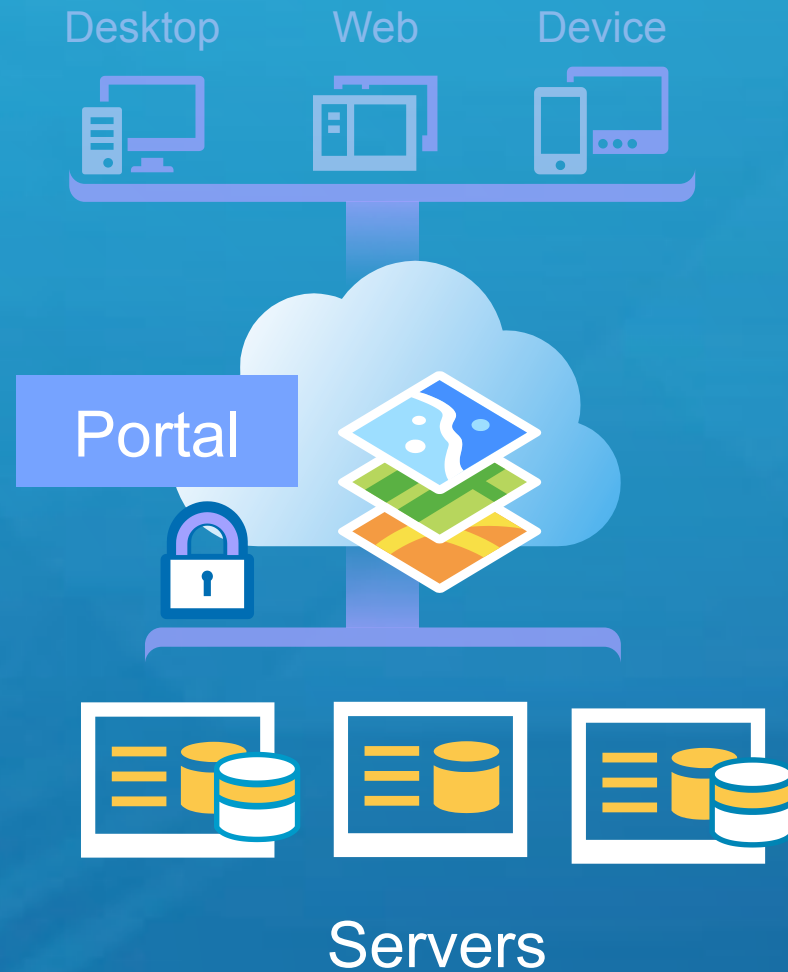
Indirizzare le aree di installazione degli smart meter nell'ordine corretto tenendo conto delle preferenze e del comportamento del cliente, della tipologia di immobili, dell'infrastruttura di trasporto, della forza del segnale di comunicazione, dello storico del traffico.



# ArcGIS Enterprise

Smart Meter

Asset Management

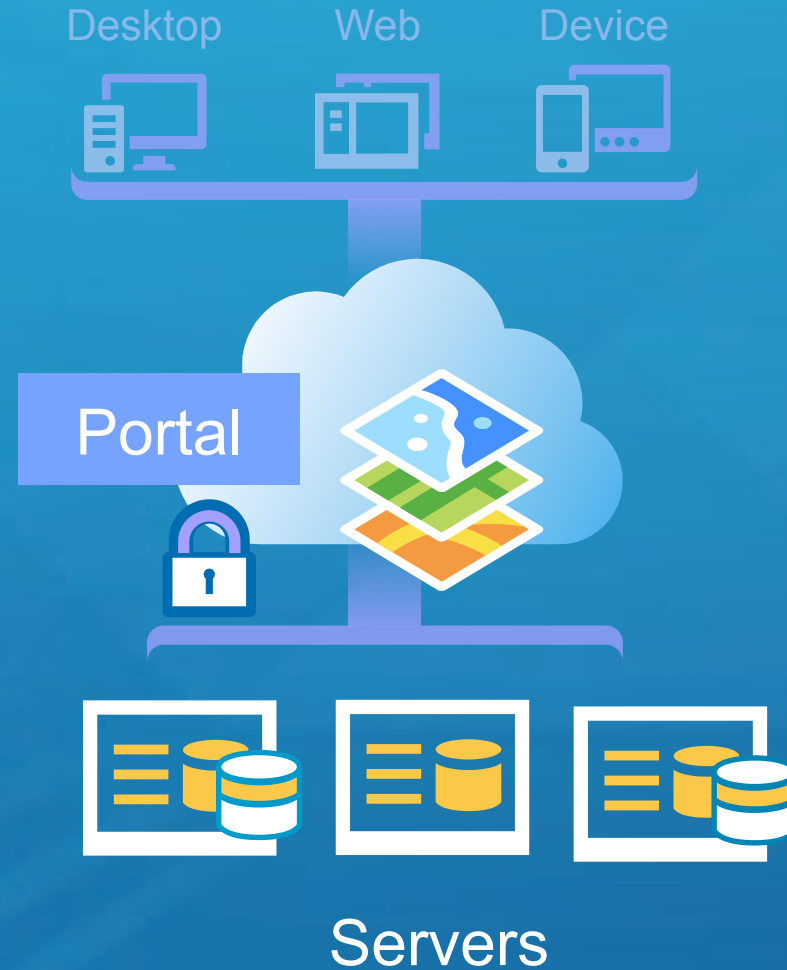


**Controllare i costi riducendo al minimo le visite ai locali, assicurandosi che le installazioni, le sostituzioni e le riparazioni vengano eseguite correttamente per la prima volta, migliorando l'affidabilità delle risorse. Le informazioni sulla posizione rendono possibile l'automazione, contribuendo a contenere i costi.**

# ArcGIS Enterprise

Smart Meter

Asset Management



Le informazioni rilevate dagli smart meter sui consumi consentono di analizzare i dati sull'utilizzo dell'energia dei clienti in tempo reale e possono aiutare a migliorare le operazioni in modi nuovi, ad esempio rilevando aree di anomalie nel consumo per evidenziare problemi tecnici.



# esri

Understanding our world.

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