

# The Paperless Age

Melanie Kunz

Geocom Informatik AG



# Geocom in a Nutshell



- 1995** Spin-Off of an engineering Company
- 2001** Change to Esri ArcGIS technology
- 2010** Member of the Esri Deutschland Group
- 2010** Establishing of Geocom Informatik GmbH
- 2013** Esri Platinum partner

- Currently around 100 employees
- 6 office locations
- Partners in over 20 countries



# Market Segments



Energy



Plant Management



Cadastral Survey

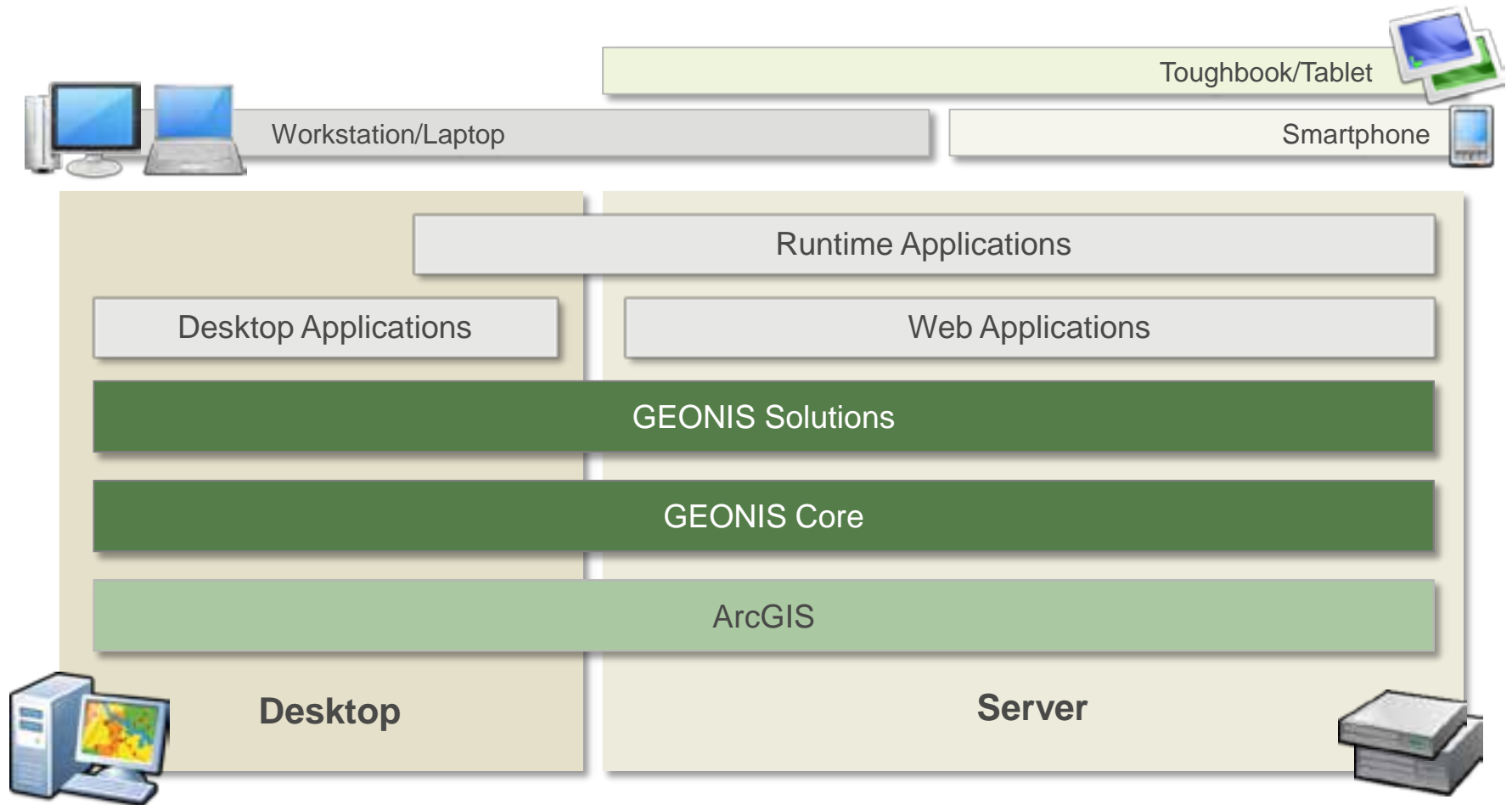


Public Infrastructure



Transportation and  
Logistic

# GEONIS: One Solution, Many Options



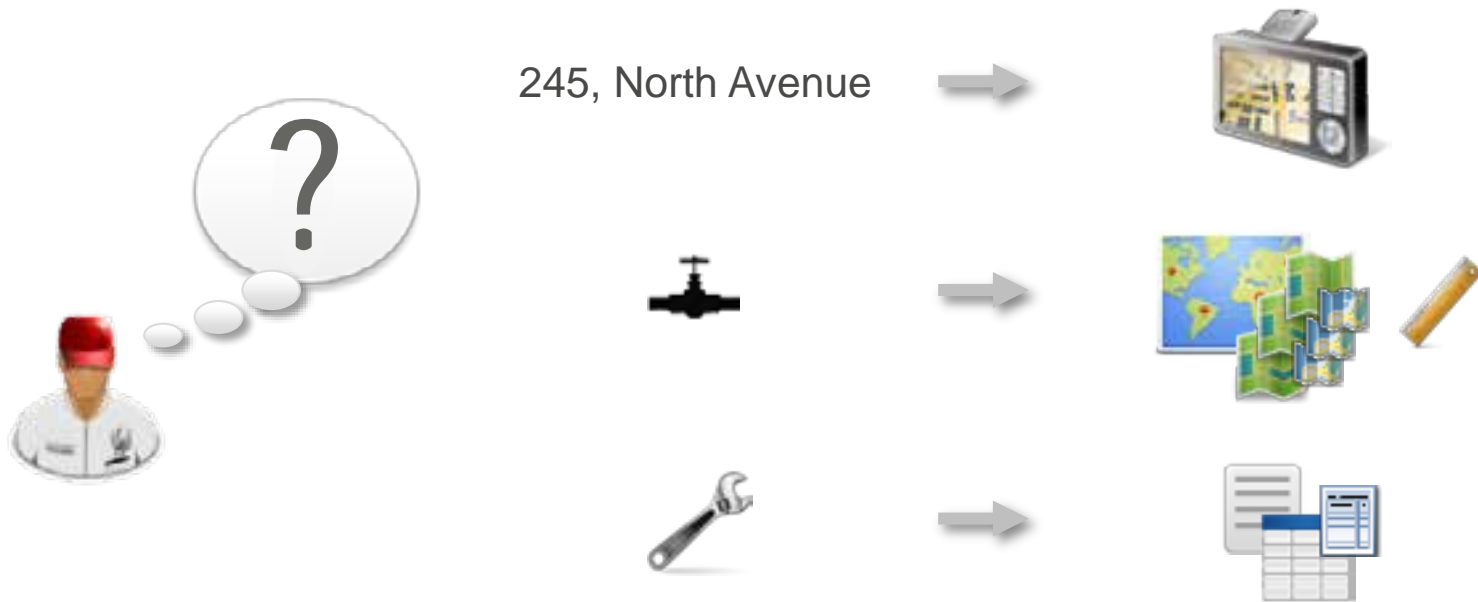
# The Paperless Age



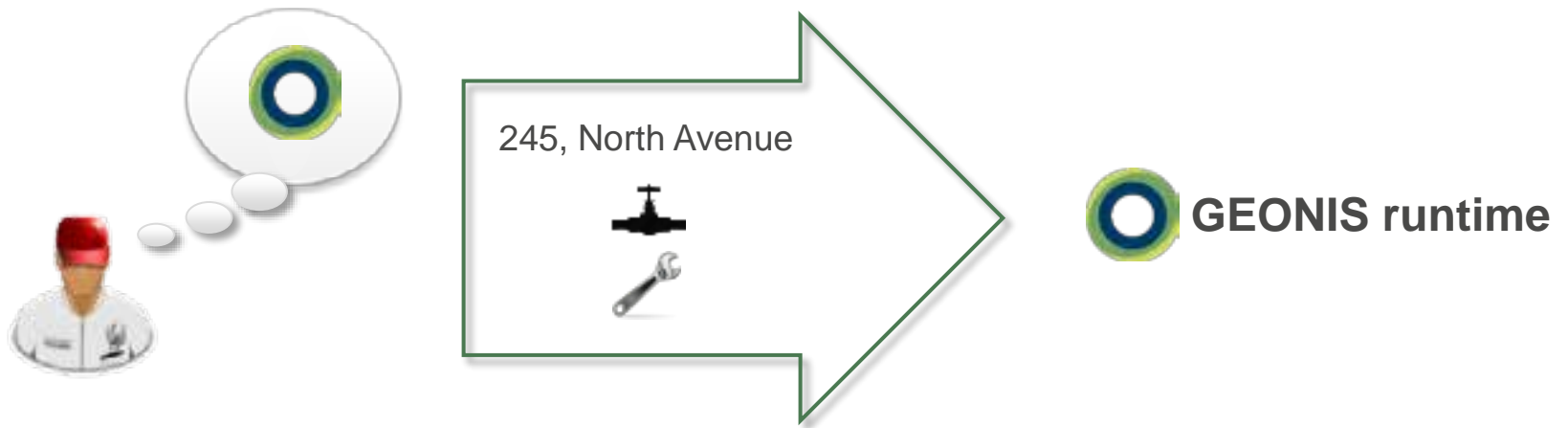
# The On-Call Duty Technician I



# The On-Call Duty Technician II



# The On-Call Duty Technician III





# GEONIS runtime

## GEONIS runtime

- Lean application for quick visualization and object queries in the field
- Based on ArcGIS Runtime for Windows (.NET – WPF)
- Optimized for portable devices (Windows 7/8 Tablets)
- Map navigation, search and query capability
- Offline use – no server connection necessary



ArcGIS Runtime  
SDK for WPF

# The On-Call Duty Technician IV

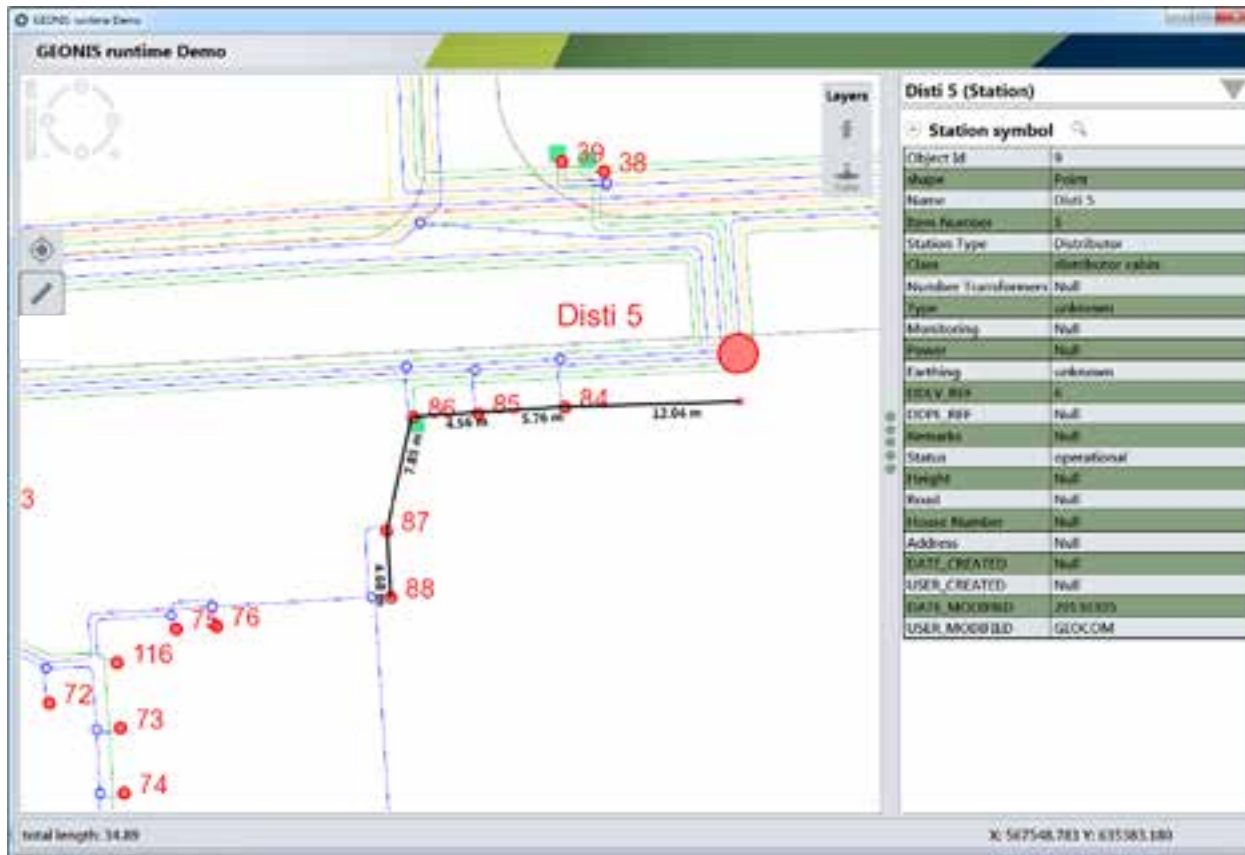


**GEONIS runtime**

**GEONIS runtime**

245, North Avenue

# GEONIS runtime



# Data



# How to Prepare the Data?

## Operational data

- Solution specific data (geometry and attributive data)
- Identify



Tile Package (.tpk)

## Base map

- Cached (tiled)
- Read only
- As background (e.g. cadastral map, orthophoto, etc.)



Map Package (.mpk)

# Conclusions



# Summary GEONIS runtime

## GEONIS runtime

- Lean application for object queries in the field
- Based on ArcGIS Runtime for Windows (.NET – WPF)
- Optimized for portable devices (Windows 7/8 Tablets)
- Map navigation and search capability
- Offline use – no server connection necessary
- Data is stored locally (quick visualization)

→ **Can replace paper maps and save you many 10'000 € per year**



# Outlook

- Offline (read-only)
- Online (read and edit)
- Offline read and edit
- Automatic synchronization under development

**Online**  
read and edit



**Offline**  
read and edit



**Synchronization**  
update changes





# Thank you for your attention



Melanie Kunz  
melanie.kunz@geocom.ch  
Geocom Informatik AG