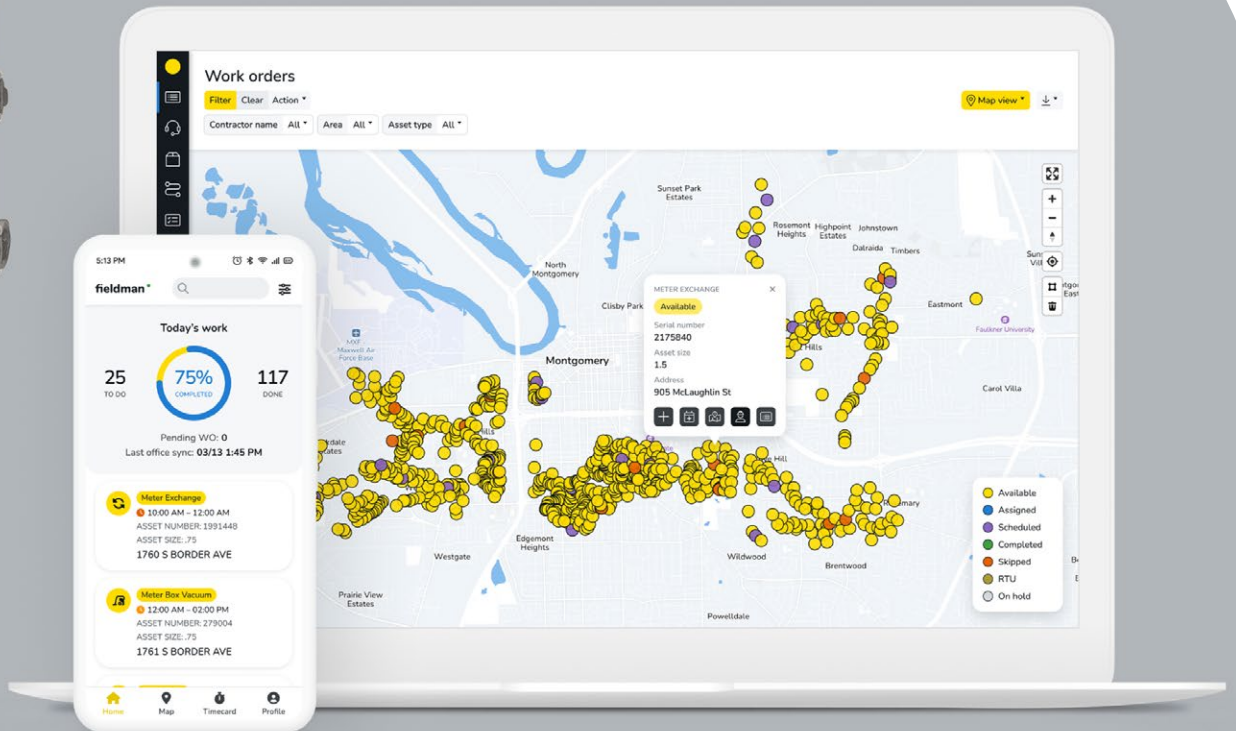
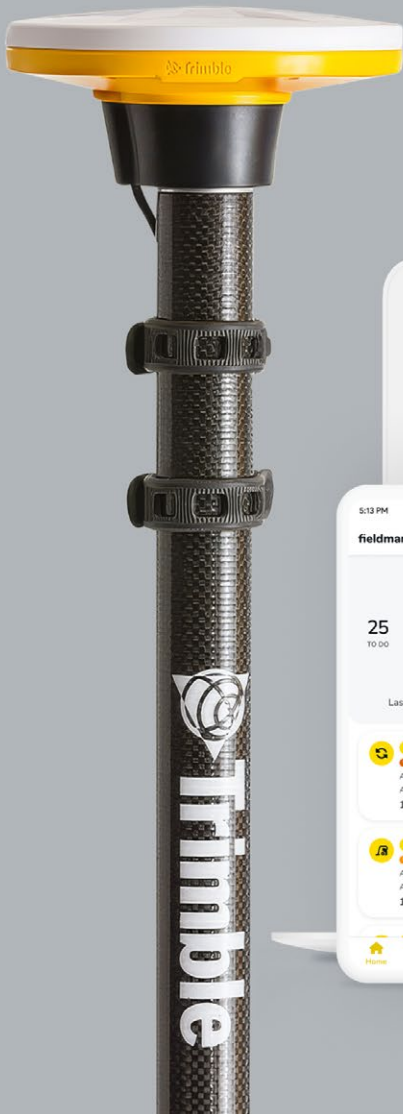


# Technology Partner Spotlight

Integrating Trimble high-accuracy GNSS into the Fieldman Work Order Management platform empowers field teams to capture precise asset locations during installations and audits, reduce costly errors and keep technicians spending less time in the field.





## High-accuracy field data collection for modern utility operations

### Efficiency impact summary

Modern utility operations depend on accurate, up-to-date asset location records. Yet many organizations still rely on manual coordinate entry, post-field GIS corrections, and disconnected data systems. This creates a cascade of downstream problems: inaccurate infrastructure maps, costly return visits, compliance gaps and delayed project closeouts.

Without precise, verified spatial data captured at the moment of work, utility managers face a constant battle between field reality and what their records show. Every discrepancy represents potential risk — regulatory, financial and operational.

### Solution

Trimble positioning technology bridges the gap by integrating sub-meter to centimeter GNSS accuracy directly into the Fieldman mobile interface, ensuring precision is native to the technician's standard operating procedure. Rather than requiring separate GPS units, manual coordinate lookups, or post-field corrections, technicians capture high-accuracy location data as a natural part of completing their work order — with a single action inside the Fieldman mobile app.



#### **Precision at every asset.**

Capture sub-meter to centimeter GNSS accuracy directly within field workflows using the Trimble DA2 GNSS receiver and Trimble Catalyst positioning service.

#### **Improved asset visibility.**

Accurate GIS records built automatically from field work orders — no manual data entry, no post-field corrections, no discrepancies.

#### **Consistent data standards.**

Ensure every crew member captures spatial data the same way, every time — regardless of location, experience level, or project type.



## Connecting precision positioning with utility field workflows

The integration between Fieldman and Trimble is designed around the reality of how utility field work actually happens — not as a specialized surveying task, but as part of everyday job completion. Every phase of the project lifecycle benefits from embedded, verified spatial data.

### Project setup

Workflows for utility projects are configured within Fieldman's back-office portal, where utilities and vendors define workflow steps tailored to installation, inspection, or maintenance activities. Job creation and assignment streamline planning while ensuring required spatial data collection is embedded from the start.

### Field operations

Technicians capture high-accuracy GNSS coordinates with a single action inside the Fieldman app using the Catalyst positioning service. Location data becomes part of the work record alongside photos, meter reads, and asset conditions — ensuring consistent compliance with data collection standards.

### Project closeout

Collected GNSS data synchronizes automatically with existing GIS systems, eliminating manual transcription and reducing reconciliation time. Verified location records improve reporting accuracy and support long-term asset management and maintenance planning.

### Integration architecture

Field crews use the Trimble DA2 GNSS receiver powered by the Trimble ProPoint® positioning engine to capture high-precision coordinates directly within Fieldman workflows. The solution enables seamless data flow from field collection to GIS systems, ensuring accurate, reliable spatial records without requiring specialized surveying processes.



## Real-world applications across utility operations

### Smart meter installation programs

During AMI (Advanced Metering Infrastructure) deployments, accurate meter location data is critical for system configuration and asset management. Technicians install hundreds of meters daily; without precise GNSS, locations are often estimated or corrected later.

With the integration of Trimble, each installation is automatically tagged with a verified sub-meter GPS coordinate at completion. This eliminates GIS corrections, improves meter-to-service-point accuracy, and ensures a defensible audit trail.

- Verified GPS at every installation — no post-field correction
- Better meter-to-address matching reduces billing errors and service calls
- Audit-ready records aligned with compliance requirements

### Infrastructure inspection & maintenance

Routine inspections generate thousands of field records annually. Without accurate location data, teams can't reliably prioritize repairs, plan capital work, or respond to incidents.

With Trimble integrated, every Fieldman record includes a high-accuracy GNSS coordinate tied to the asset. This builds a reliable maintenance history that supports planning, compliance, and faster response.

- Each inspection linked to a verified asset location
- Better histories support lifecycle planning and compliance
- Spatial data improves with every completed work order

### New construction & asset registration

New assets — valves, meters, transformers, hydrants — must be recorded in GIS with precise location data. Manual entry introduces errors that can persist for years.

With Trimble Catalyst DA2 integrated into Fieldman, assets are registered with centimeter-level accuracy at installation. GIS data is correct from day one, eliminating resurveys and cleanup work.

- Centimeter-precision asset registration at installation
- Eliminates resurveys and GIS data correction costs
- Consistent spatial data quality across all crews and contractors



Real time  
sub-meter GPS  
data collection



Fieldman  
offline  
mode



Accurate asset  
mapping



Data  
synchronization



Digital asset  
system-of-record  
automate update

Source: supplied by Fieldman

# Ready to bring high-accuracy positioning into everyday field workflows?

[GET A DEMO](#)

## About Trimble

Trimble is a global technology company that connects the physical and digital worlds, transforming the ways work gets done. With relentless innovation in precise positioning, modeling and data analytics, Trimble enables essential industries including construction, geospatial and transportation. Whether it's helping customers build and maintain infrastructure, design and construct buildings, optimize global supply chains or map the world, Trimble is at the forefront, driving productivity and progress.

For more information about Trimble, visit: [www.trimble.com](http://www.trimble.com).

## About Fieldman

Fieldman® is a Work Order Management platform designed for utilities and infrastructure contractors managing field operations and assets. From smart meter installations to inspections and maintenance programs, Fieldman connects office and field teams in a unified platform that improves efficiency, transparency, and operational accountability.

[fieldman.co](http://fieldman.co)

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