



THE TOP 10 PLAYBOOK • INVENTORY MANAGEMENT

From Warehouse to Worksite

Inventory Visibility for Utility Operations

A practical guide to how TerraGo helps utilities manage inventory and asset lifecycles—from the warehouse to the work site and beyond.

Smarter Purchasing

Complete Visibility

Greater Control

Top 10 Ways to Transform Utility Inventory & Asset Lifecycle Management

A TERRAGO PLAYBOOK - EDITION 2026

TERRAGOTECH.COM

FROM WAREHOUSE TO WORKSITE

Inventory Doesn't End at the Warehouse

Utilities don't lose money because they buy too much inventory. They lose money because they lose visibility across the entire asset lifecycle.

A smart lighting controller sitting on a warehouse shelf.
A pallet delivered to the wrong contractor.
A transformer waiting for installation.
A water meter that's already installed—but still shows as "In Stock."
A warranty return that never gets credited.

These aren't just inventory problems. They're operational problems.

Every day, purchasing teams, warehouse personnel, schedulers, contractors, and field crews make decisions that depend on accurate inventory information. When inventory workflows are disconnected, materials become harder to locate, work gets delayed, and operational visibility is lost.

Built specifically for utilities and public infrastructure, TerraGo's Inventory Management Solution connects every stage of the asset lifecycle—from purchase order and receiving through warehousing, staging, installation, maintenance, warranty, and retirement—giving every team one connected view of inventory and infrastructure.

Whether you're managing smart lighting controllers, AMI meters, sensors, EV chargers, transformers, poles, luminaires, valves, or thousands of other utility assets, TerraGo helps transform inventory into complete asset lifecycle management.

WHERE TERRAGO FITS

Connected Inventory at Every Stage

Receiving

Validate incoming inventory

Reservations

Allocate to work orders

Warehousing

Maintain inventory accuracy

Staging

Prepare crews for dispatch

Field Use

Capture work in real time

Warranty Tracking

Recover asset value

Replenishment

Prevent Future Shortages

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10 Ways to Transform Utility Inventory & Asset Lifecycle Management

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01

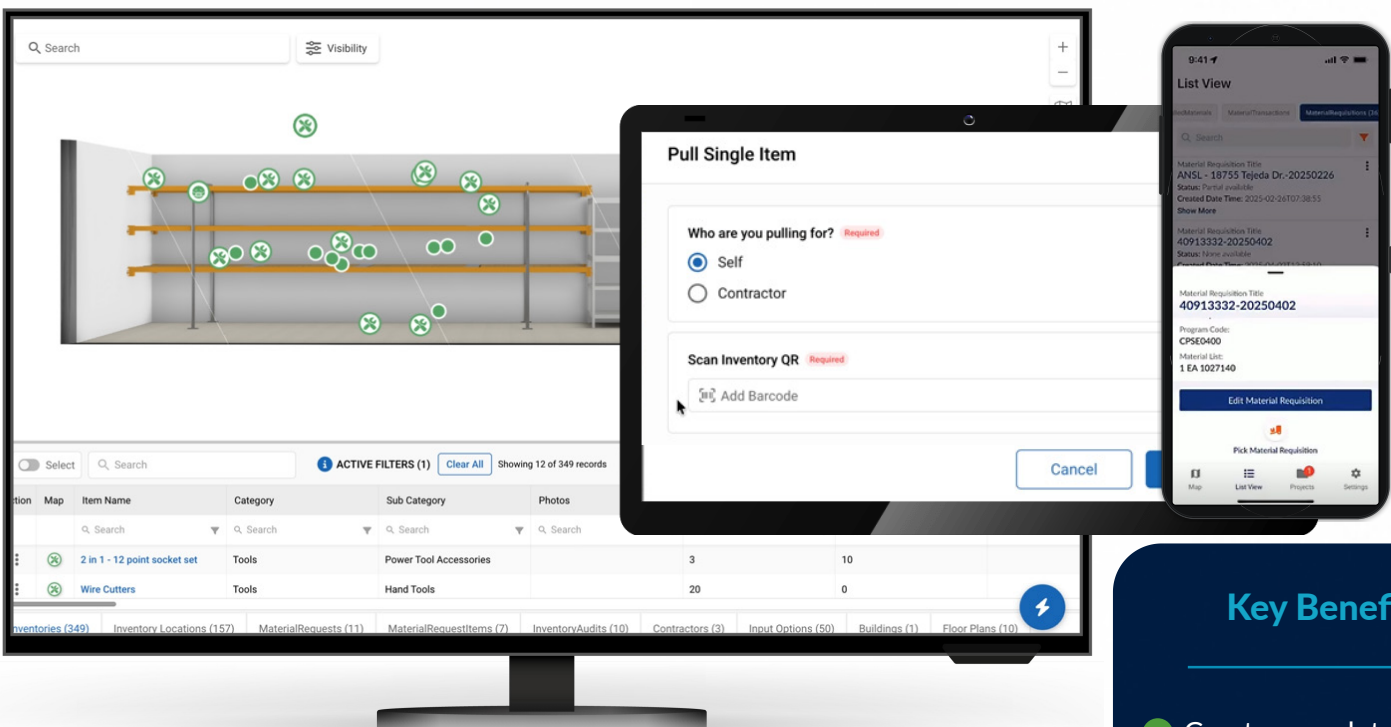
Build One Source of Truth for Every Asset

Every utility asset has a story.

It begins long before installation and continues throughout its operational life.

When inventory information is scattered across warehouses, contractors, work orders, and field crews, organizations lose visibility into where assets are, who is responsible for them, and what should happen next.

TerraGo creates one connected operational record that follows every asset from procurement through installation, maintenance, warranty, and retirement, giving every team a single source of truth.



Key Features

Keep inventory, work orders, locations, and asset history connected in one operational record.

Every team works from the same up-to-date information throughout the asset lifecycle.

Key Benefits

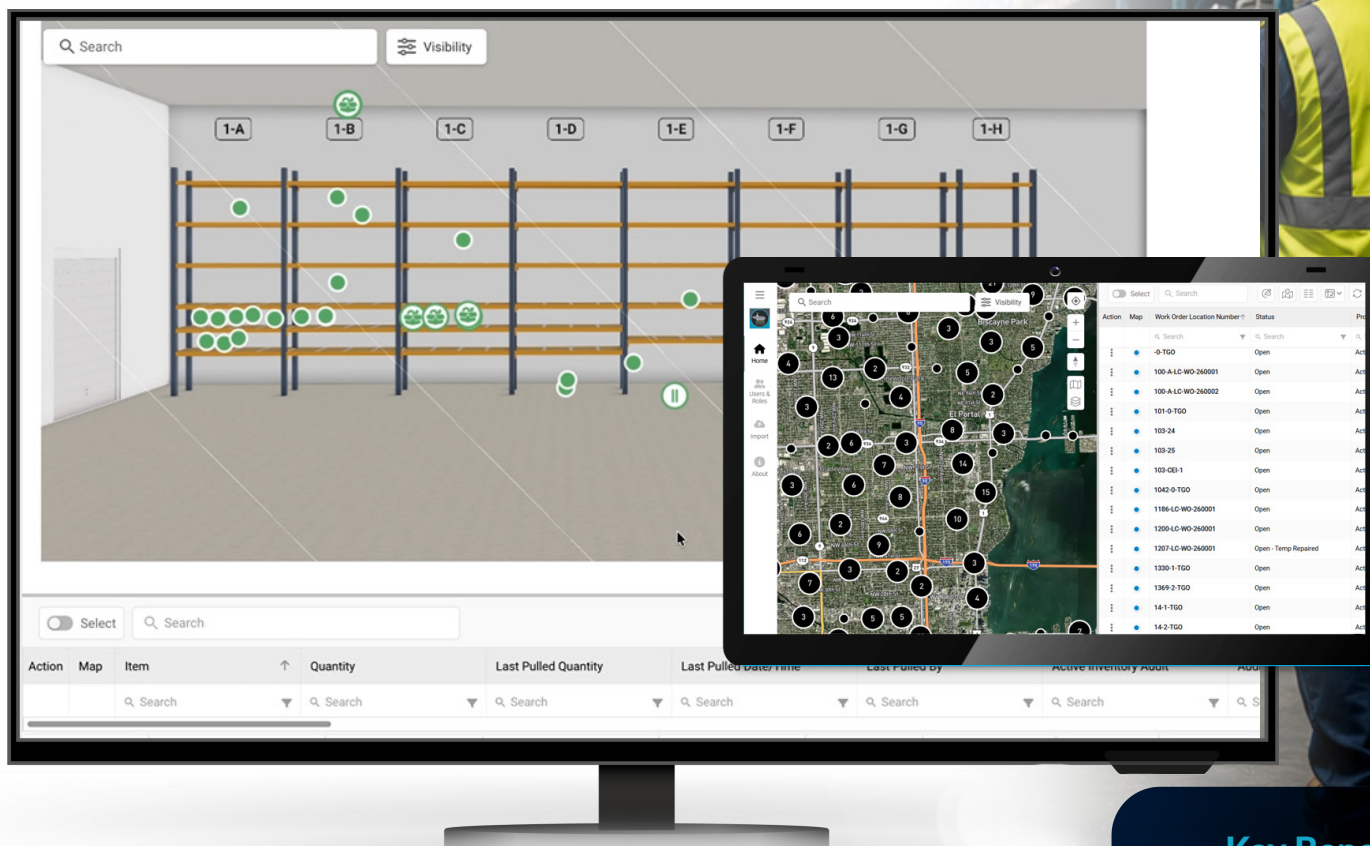
- ✓ Create complete visibility across every asset from supplier to field.
- ✓ Improve accountability across warehouse, contractors, and field crews.
- ✓ Support more informed operational decisions.

02

Know Exactly Where Everything Is

Inventory only creates value when teams know exactly where it is and who is responsible for it.

TerraGo tracks pallets, bins, trucks, staging areas, contractor inventories, and installed field assets through connected workflows, helping utilities locate materials quickly and maintain operational accountability.



Key Features

Locate inventory quickly using connected mobile workflows and barcode or QR code scanning.

Real-time updates keep material locations current as assets move throughout daily operations.

Key Benefits

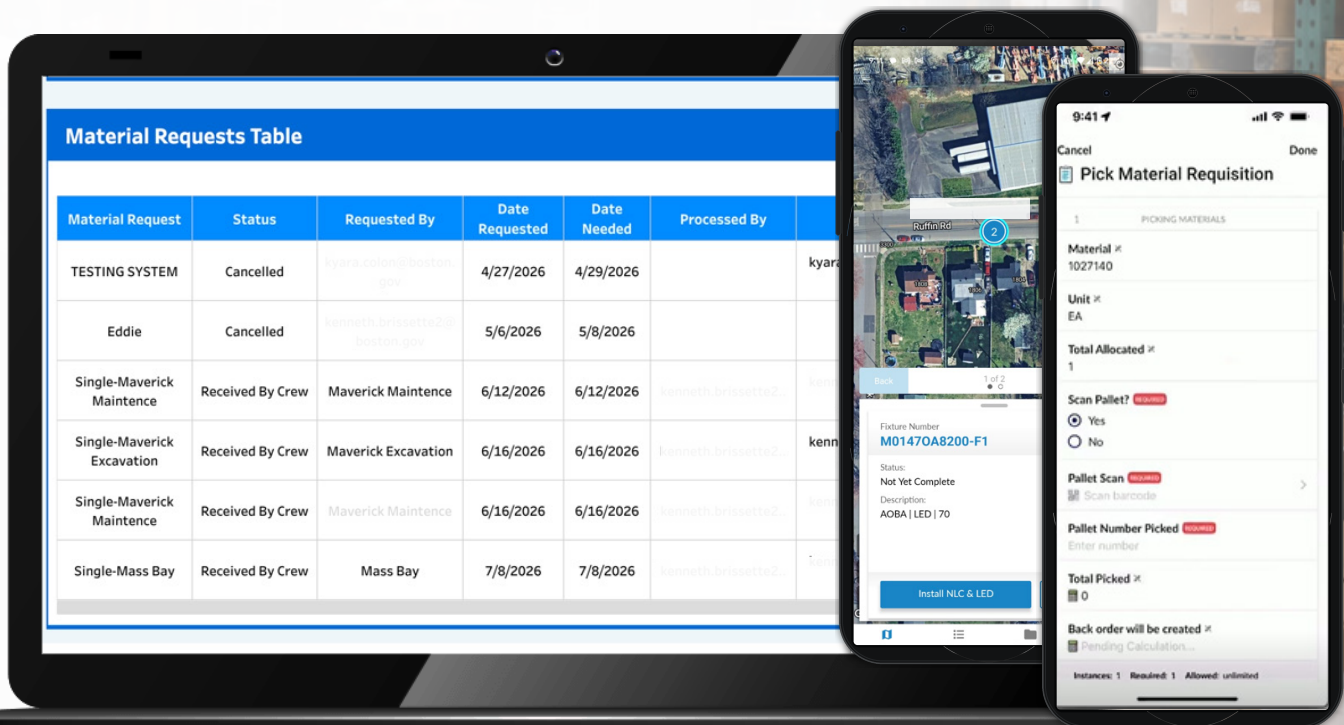
- ✓ Reduce lost inventory.
- ✓ Locate materials faster.
- ✓ Increase inventory accuracy.

03

Connect the Warehouse to Field Operations

Warehouse teams and field crews should never operate independently.

TerraGo connects material requisitions, work orders, picking, staging, distribution, and field updates into one operational workflow, ensuring materials move efficiently from storage to installation.



Key Features

Keep warehouse and field teams working from the same inventory information throughout fulfillment and installation.

Material status updates automatically as work progresses.

Key Benefits

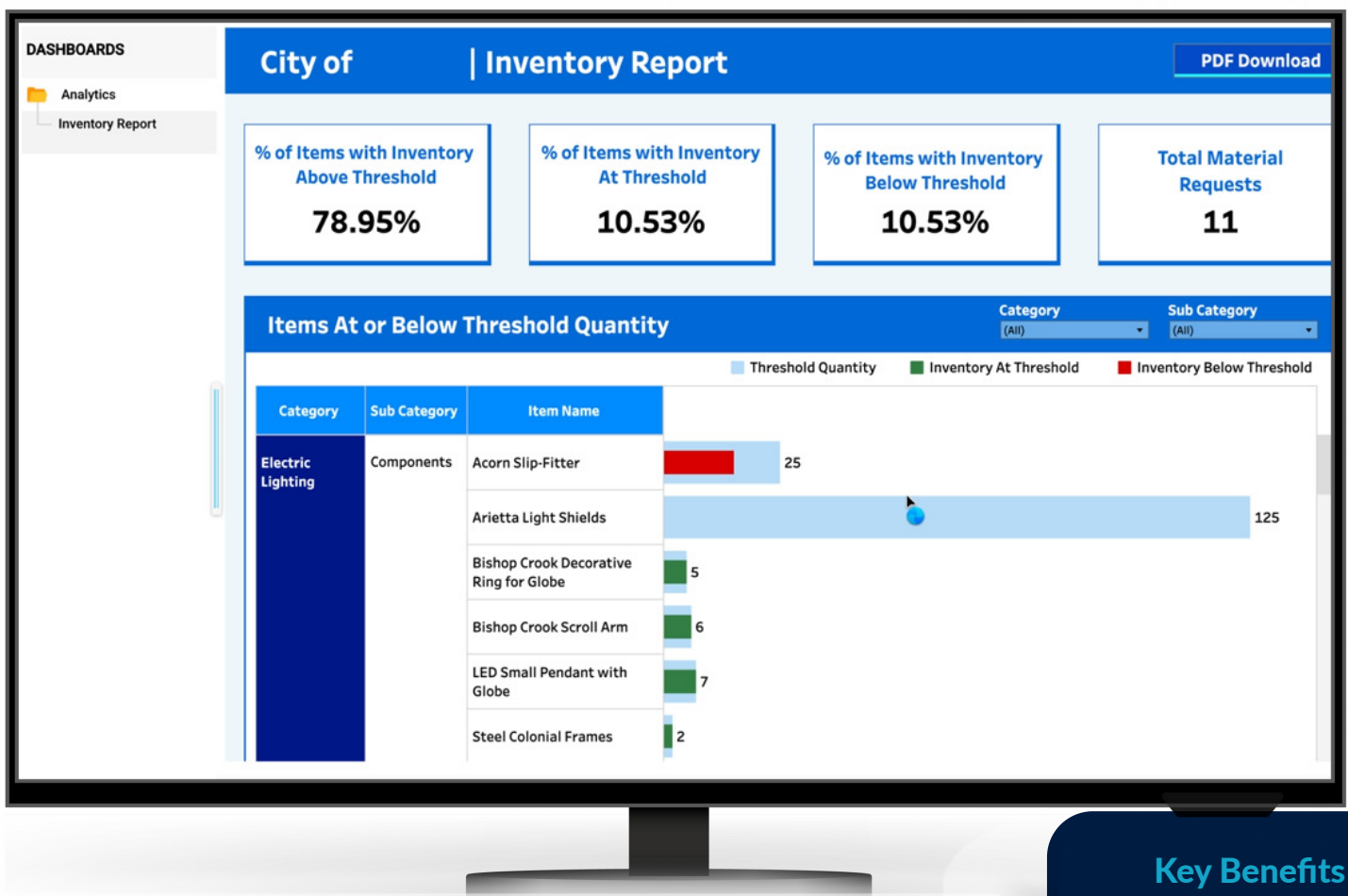
- ✓ Reduce manual inventory updates.
- ✓ Improve crew readiness.
- ✓ Accelerate material fulfillment.

04

Prevent Material Shortages Before They Delay Work

Running out of inventory costs far more than carrying inventory.

TerraGo continuously monitors stock levels, minimum thresholds, allocations, and future demand so organizations can identify shortages before they disrupt projects or delay crews.



Key Features

Receive early visibility into inventory conditions before shortages affect scheduled work.

Purchasing and warehouse teams can act proactively instead of reacting to unexpected stockouts.

Key Benefits

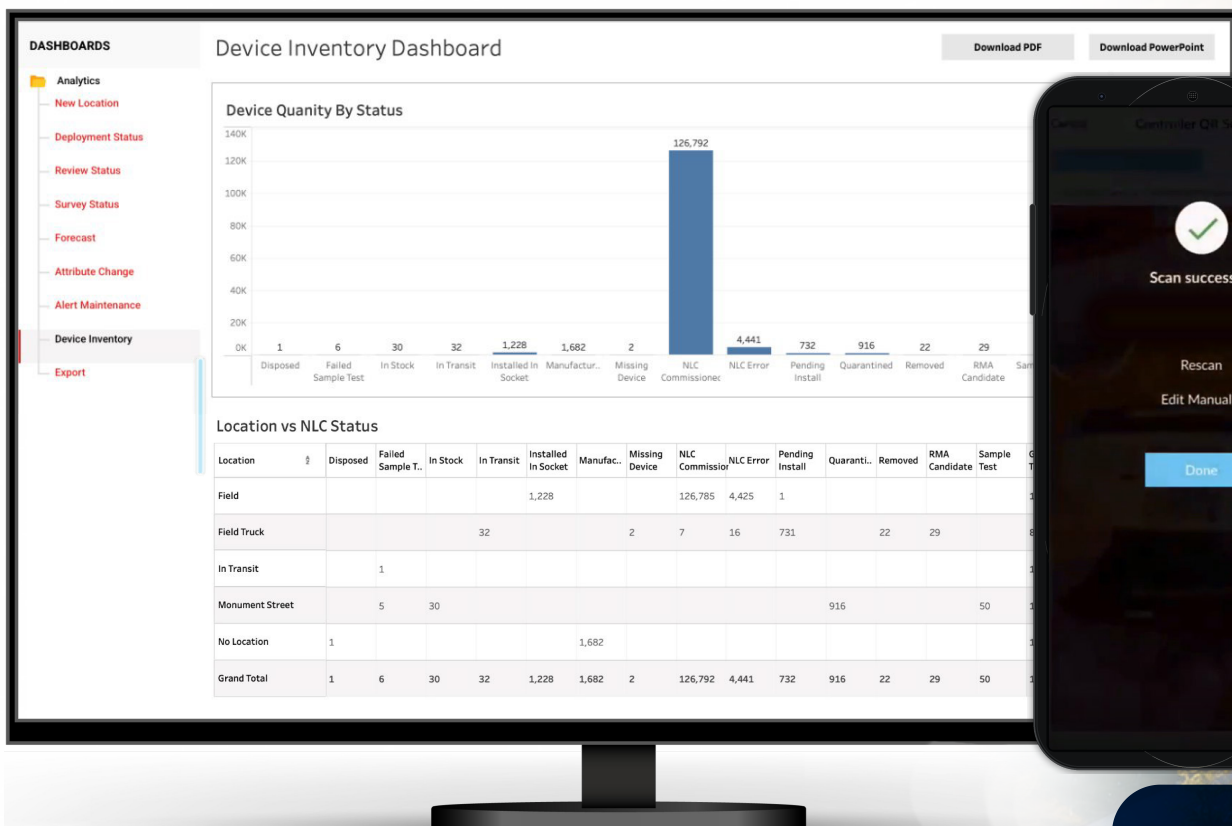
- ✓ Protect schedules.
- ✓ Reduce emergency purchasing.
- ✓ Balance supply with demand.

05

Track Every Asset Through Installation

Visibility shouldn't stop when equipment leaves the warehouse.

TerraGo captures serial numbers, work orders, GIS locations, installation details, and operational history as assets move into service, creating a permanent digital record for every installation.



Key Features

Complete installations from the field using connected mobile workflows.

Inventory and asset records stay synchronized without requiring duplicate documentation.

Key Benefits

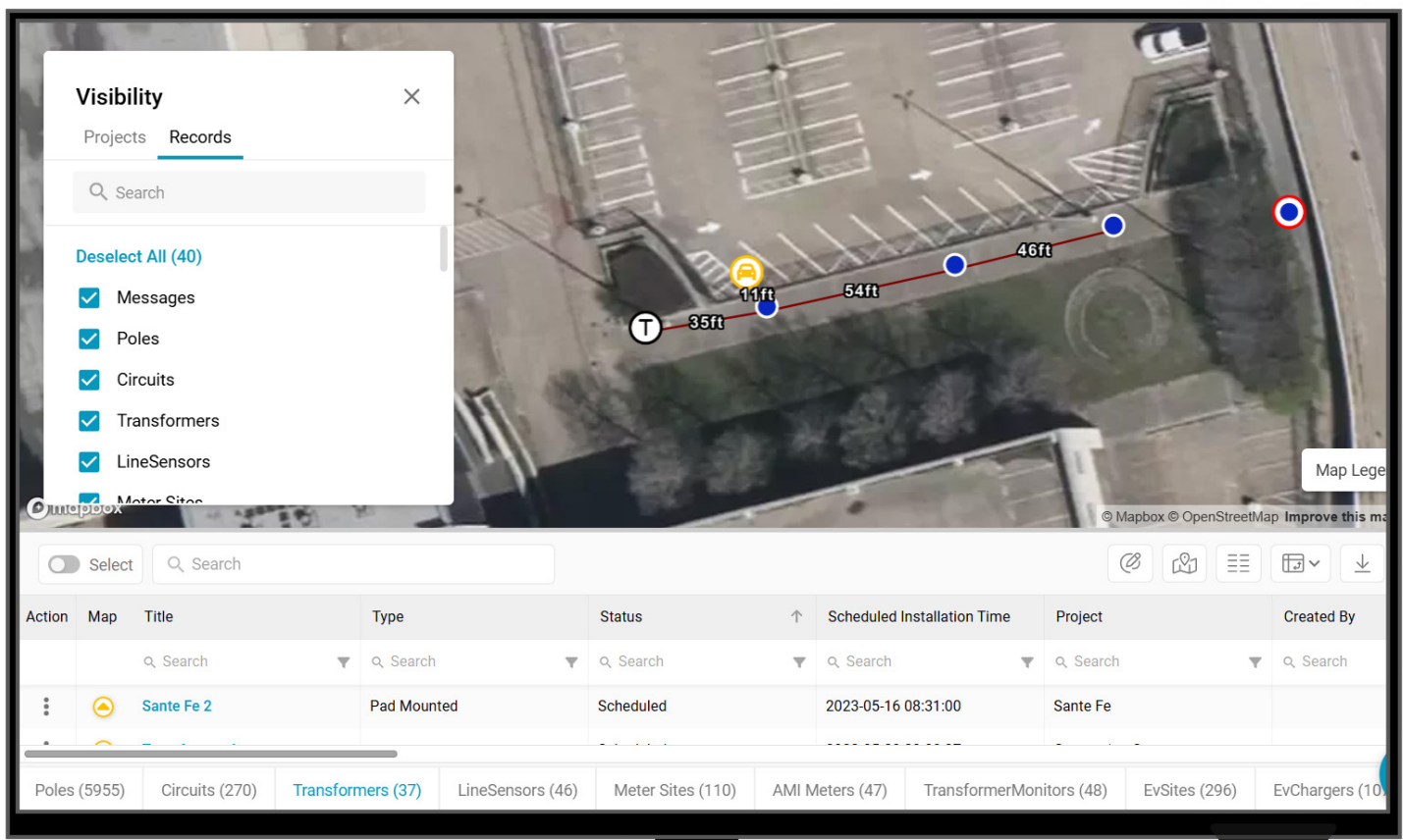
- ✓ Improve asset traceability.
- ✓ Strengthen installation documentation.
- ✓ Support future maintenance.

06

Manage Connected and Traditional Assets Together

Utilities manage both connected technologies and traditional infrastructure.

TerraGo brings smart devices and conventional utility assets together in one operational platform, eliminating disconnected processes and improving visibility across the entire infrastructure portfolio.



Key Features

Apply consistent inventory and lifecycle workflows across every utility asset, regardless of technology.

Teams manage connected devices and traditional infrastructure without switching between disconnected systems..

Key Benefits

- ✓ Reduce siloed systems.
- ✓ Standardize inventory processes.
- ✓ Simplify operations.

07

Protect Your Investment with Complete Chain of Custody

Every transfer creates accountability.

TerraGo documents receiving, storage, truck loading, contractor distribution, installation, and returns so organizations maintain complete chain of custody throughout the asset lifecycle.

Device Chain of Custody															
Modified By	NLC Commissi	Error	Installed In Socket	Quaran..	Pending Install	Sample Test	In Transit	In Stock	RMA Candidate	Remov..	Failed Sample ..	Missing Device	Null	Dispos..	Grand Total
448	10		1		20										479
13,396	2,359		67		11		5				2				15,840
				890											890
4			1												5
16	5						1		2						34
9,235	241		238		13										9,727
24															24
122	1		1												124
20					1		3	24							48
114	1														115
268	5														273
16	5						1		2						34
9,235	241		238		13										9,727
24															24
122	1		1												124
20					1		3	24							48
114	1														115
268	5														273
530	5		1		13										549
18															18
75	1														76
436	4				13	55									508
234	2														236
744	8														752

Key Features

Maintain accountability as assets move between warehouses, contractors, vehicles, and the field.

Every transfer is recorded to provide a complete history of asset movement.

Key Benefits

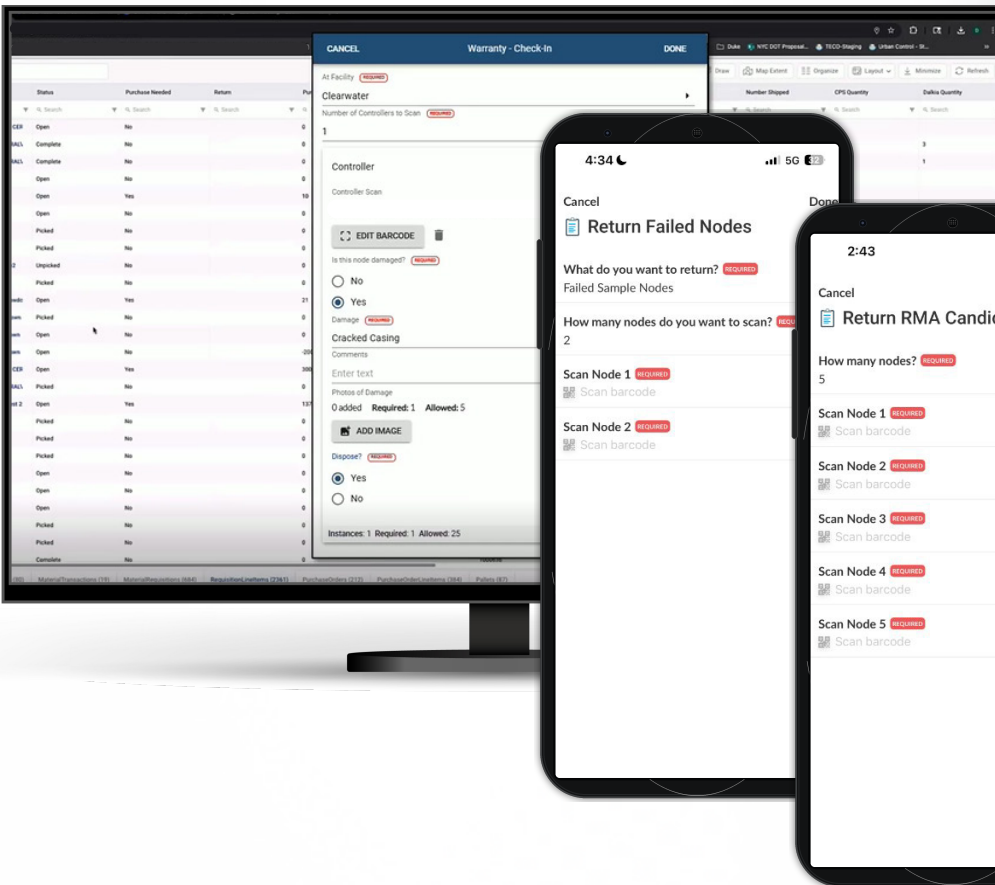
- ✓ Reduce inventory loss.
- ✓ Improve accountability.
- ✓ Minimize discrepancies.

08

Turn Warranty Management into an Operational Process

Warranty programs shouldn't rely on spreadsheets and manual tracking.

TerraGo standardizes returns, diagnostics, testing, RMA processing, and vendor tracking so eligible assets move efficiently through the warranty process.



Key Features

Move eligible assets through a consistent warranty process instead of relying on manual tracking.

Warranty activity remains connected to the asset's complete operational history.

Key Benefits

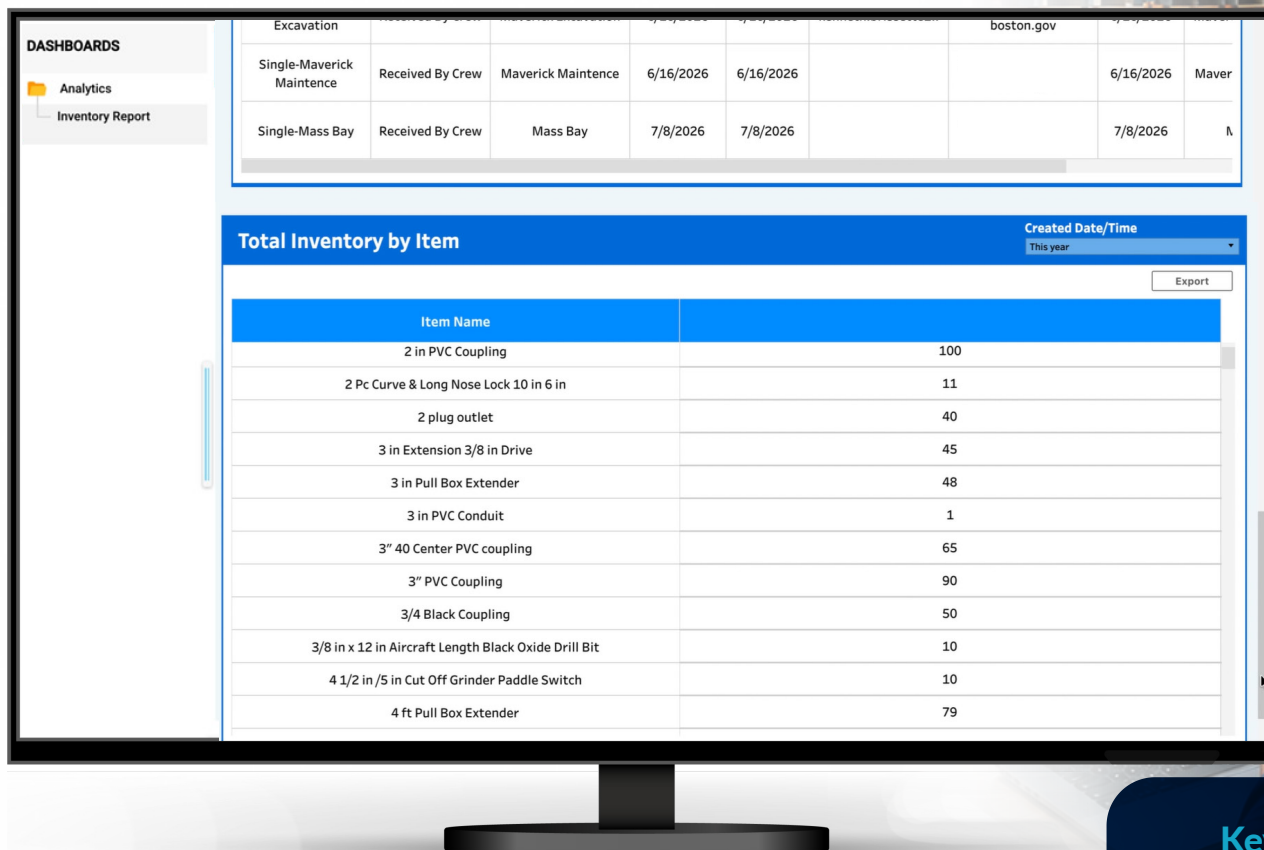
- ✓ Recover more warranty value.
- ✓ Reduce administrative effort.
- ✓ Improve lifecycle management.

09

Use Operational Intelligence to Optimize Inventory

Inventory data becomes far more valuable when it is connected to operations.

TerraGo provides dashboards and analytics that monitor inventory movement, stock levels, contractor utilization, installation progress, and lifecycle trends to support better operational decisions.



Key Features

Turn operational data into actionable insights that support day-to-day planning and long-term decision-making.

Interactive dashboards help teams monitor inventory performance across the organization.

Key Benefits

- ✓ Support faster decisions.
- ✓ Improve forecasting.
- ✓ Optimize inventory investments.

10

Manage the Complete Asset Lifecycle

The warehouse is only the beginning.

TerraGo follows every asset through planning, procurement, installation, maintenance, inspections, repairs, warranty, replacement, and retirement, creating complete lifecycle visibility across utility infrastructure.



Key Features

Keep every stage of the asset lifecycle connected within one operational workflow.

Teams maintain complete visibility without relying on disconnected systems or manual handoffs.

Key Benefits

- ✓ Improve lifecycle visibility.
- ✓ Lower operational costs.
- ✓ Support long-term asset management.

Every asset has a story. TerraGo connects every chapter.

Inventory Is Just the Beginning

Utilities don't simply manage inventory—they manage infrastructure.

Every purchase order, warehouse transfer, material requisition, installation, maintenance activity, warranty claim, and replacement tells part of that story.

TerraGo's Inventory Management Solution connects those moments into one continuous operational record, giving every team a single source of truth across the complete asset lifecycle.

BEFORE TERRAGO

- Disconnected inventory records
- Reactive purchasing
- Manual warehouse processes
- Limited lifecycle visibility

WITH TERRAGO

- One source of truth
- Connected inventory workflows
- Complete digital lifecycle
- Operational visibility

Purchasing



Scheduling



Warehouse Operations



Field Operations



Lifecycle Management





FROM WAREHOUSE TO WORKSITE... AND BEYOND

Ready to connect inventory with the rest of your operation?

[Schedule a Demo](#)

[Visit terragotech.com](https://terragotech.com)

- Connect warehouse, purchasing, field, and contractors through one operational workflow.
- Create one source of truth with a complete digital lifecycle for every utility asset.
- Transform inventory into complete asset lifecycle management.

TERRAGO TECHNOLOGIES

A PLATFORM-FIRST APPROACH TO UTILITY OPERATIONS.

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