Augmented Field Operations
powered by ARInspect

Protecting public health and safety is crucial work. Whether it's regulatory, healthcare, or another sector of oversight, field workers are at the frontline of ensuring we're secure. Their technology should not be paper and pen.

Powered by advanced AI and machine learning, Tyler's Augmented Field Operations platform transforms the monitoring, compliance, and enforcement of fieldwork. Its intelligent risk-profiling, task automation, and optimized interface simplifies and accelerates operations so agencies can better protect the environment, communities, and lives of the citizens they serve.

FREE UP TIME FOR GREATER OVERSIGHT

Field visits are guided by an intelligent wizard that assigns risk scores, prioritizes sites, and grows more intelligent with use, all while automating and streamlining work. The impact is dramatic, enabling you to scale visit frequency to previously inconceivable rates.
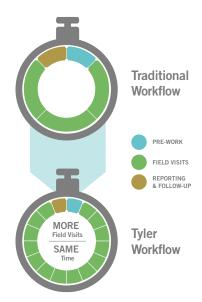
PROACTIVELY PINPOINT AND ADDRESS RISKS

By analyzing historical site and census data, past visits, violations, and more, the platform expertly guides field operations. This not only assists personnel on-site, but also helps identify potential dangers to the community.

- AI engine identifies and auto-escalates high-risk sites and assets

- Field visit scheduling based on best routing and each site's risk index

"Inspections are down to 10 minutes from 2-3 hours. Inspectors are now spending time in the field and doing more productive work."

— New Jersey Department of Environmental Protection

Traditional Workflow

- PRE-WORK
- FIELD VISITS
- REPORTING & FOLLOW-UP

MORE Field Visits
SAME Time

Tyler Workflow

Field visits in one-tenth of the time.

For more information visit tylertech.com

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GAIN INSIGHTS IN THE FIELD

The platform's mobile interface is highly intuitive, enabling the field worker to quickly access any aspect of their work such as reviewing past actions, evaluating route options, or diving straight into field visits. Guided by an array of smart tools and AI assistance, personnel are able to achieve high-quality, consistent, and thorough visits with 100% assessment completion and follow-up rates.

- Automated pre-inspection information collation

- Pre-configured checklists as per compliance regulations

- Bulk selection and error handling

- Zero-duplication smart forms with contextual insights

- 360° evidence capture – photos, videos, voice, scanner, annotations

- Offline mode with auto download and sync

- Auto generated field visit reports and violation citations

- Automated after-action communications

STREAMLINE CONSTITUENT COMMUNICATION

The self-service portal enables regulated entities to interact directly with the agency. They can monitor the status of their interactions, upload documentation, download final-outcome documents, and communicate directly with agency personnel.

MONITOR AND REFINE OPERATIONS

The web portal is a centralized hub for managing operations. It empowers agencies to gather critical compliance data, streamline oversight and interactions with regulated entities, and enhance execution in the field.

Customizable analytics dashboards provide data-rich visualizations that empower managers to identify trends, prioritize field visits, and enhance operations. The portal also provides management of users, field visit types, checklist management, and reference materials.

DO MORE WITH MORE

Tyler's Augmented Field Operations platform is the first truly AI-powered, smart field operations platform. It gives your team more powerful tools, more insights, and more flexibility so they can focus on your mission to protect and enrich our communities.

ALL TYPES OF VISITS

Configurable to any industry or scenario:

- Disaster recovery

- Environmental audits

- Facility and asset monitoring

- Field surveys

- Home health monitoring

- Regulatory inspections

- Infrastructure assessments

IN-APP SMART TOOLS

Tools can be added, enhanced, and updated as needed:

- Route optimization

- AI personal assistant (OpenAI ChatGPT integration)

- Document, decal, and RFID scanners

- Augmented reality measuring tools

- Reference materials

SIMPLE INTEGRATIONS

Connect with existing systems for end-to-end operations.

100% FOCUSED ON THE FIELD

- AI/ML driven risk profiling

- Highly optimized mobile app

- Self-service client portal

- Agency admin web portal