

IQGeo Americas Meetup 2025

Best practice training

Tuesday, September 30th



Training: Task and ticket workflow management

Trainers: Andrew Saurwin, Brian Connelly, Jon Heathcote

Time: 10:00-12:00 and 1:30-3:30

Room: Century A

Description:

This training will explore how IQGeo's Workflow Manager software for task and ticket management delivers measurable improvements in efficiency, productivity, and quality across all stages of the network lifecycle. Through real-world scenarios, you'll see how Workflow Manager connects field and office teams for telecom and utility network operators, ensuring alignment around a shared goal of streamlining complex operational processes.

The session will cover:

- **The power of workflow** – Understand why effective workflow management is essential and how it transforms each phase of your network operations
- **IQGeo's approach to workflow optimization** – Discover a practical, highly configurable, and field-proven strategy for improving operational workflows
- **Demonstrations** – Experience Workflow Manager in action through live demonstrations showcasing use cases across the telecom and utility network lifecycle, from design and construction to maintenance and emergency response
- Discuss how IQGeo's strategy is evolving to support the next generation of workflow-driven network management

In this session participants will learn to:

- Visualize, design and improved task and ticket workflows
- See how to orchestrate and execute on operational use cases
- Deliver consistent operational excellence for your business

Training: Network Manager Telecom configuration

Trainers: Tim Cessna, Chad Smith

Time: 10:00-12:00 and 1:30-3:30

Room: Century B

Description:

This training provides participants with practical guidance for using Network Manager Telecom to streamline key areas of network operations. You will learn to configure data used to generate common deliverables that are critical to operational success. The session will equip participants with the skills needed to enhance efficiency and accuracy in managing their fiber broadband networks.

Create and apply data in Network Manager Telecom to generate deliverables, including:

- Accurate Bill of Materials
- Link Loss Budgets
- Client and address information associated with fiber services
- Dark fiber status for network assets and addresses

Create a Network Manager Telecom feature from start to finish:

- This example will use a Distributed Tap Access Point (DTAP) and cover diverse ways to account for an exact Bill of Materials and Link Loss Budget
- Configure and apply strand information, port attributes, and expression labels

In this session participants will learn to:

- Generate critical deliverables
- Create fully described network features
- Manage fiber strand, port, and expression labels within the network model

Training: Data import/export and API integration

Trainers: Vishal Shah, Brian Timoney, Birwa Balar

Time: 10:00-12:00 and 1:30-3:30

Room: Grand Ballroom

Description:

In this technical training session, we will explore the importance of data manipulation and highlight its role in confident decision-making and AI readiness. You'll learn best practices for importing and exporting data from 3rd party applications and GIS and how to make efficient use of IQGeo's powerful API environment.

Import/export best practice:

- Import data leveraging FME and IQGeo's CDIF and EDIF formats
- Professional Data Model – Fixed data model to simplify deployments and data migrations into IQGeo
- Import data from other systems and create new map layers to visualize and share across teams
- Export data for use in GIS, business intelligence tools, or regulatory systems

API best practice:

- Use IQGeo client-side JavaScript APIs to extend application capabilities
- Use IQGeo server-side Python APIs as an alternative for larger data manipulation scenarios
- Use the external REST APIs for 3rd party integrations
- Access code samples and API resources

In this session participants will learn to:

- Import and export external data sets
- Best practices with data migrations
- Define best practice system integration points
- Use IQGeo APIs to extend system capabilities and 3rd party integrations

Training: Applying AI to field operations – Deepomatic

Trainers: Francois-Xavier “FX” Potier, Marion Tormento

Time: 10:00-12:00 and 1:30-3:30

Room: Sam Rayburn

Description:

This training will explore the multiple dimensions of an AI project for field operations. You will learn from real-world experiences and best practices how to successfully implement an AI-powered quality control process.

- **Explore generative AI vs. discriminative AI** – An introduction covering all the questions you might have about AI
- **Define key principles for project success** – Pitfalls to avoid, use case feasibility, training and evaluation, with live demonstrations
- **Design Mobile Apps that work for the field** – Build clear, intuitive, technician-friendly apps optimized for real conditions
- **Learn the importance of good workflows** – Leverage field data to improve and automate processes
- **Manage change** – Explore a real-life customer approach to change management for internal staff and contractors
- **Integrate technology** – Connect cameras, explore the API, and build custom integrations
- Share examples using integrations with Network Manager Telecom and Workflow Manager

In this session participants will learn to:

- Understand key AI and project principles
- Build best practice mobile apps and workflow
- Leverage field data in AI applications
- Integrate data and technology