

WEBINAR 04 — ATTENDEE RESOURCE GUIDE

3D Reality Capture for Police, Fire & Emergency Response

Capturing the City — 3D Reality Data for Local Government

Public-safety teams need accurate information when documenting incidents, investigating scenes and preparing for emergencies. This session examines how 3D reality capture creates a permanent, measurable and shareable record of crime scenes, vehicle crashes, fire damage and complex public environments.

60 minutes · 2026 dates to be announced · Live audience Q&A

Use this guide before, during and after the session: read the summary, follow the agenda, take notes in the space provided and bring your questions to the live Q&A.

SESSION SUMMARY

3D Reality Capture for Police, Fire & Emergency Response

Public-safety teams need accurate information when documenting incidents, investigating scenes and preparing for emergencies. This session examines how 3D reality capture creates a permanent, measurable and shareable record of crime scenes, vehicle crashes, fire damage and complex public environments.

Speakers will also explore how 3D models of schools, public buildings, stadiums and critical facilities improve situational awareness, interagency coordination and emergency preparedness.

Key topics covered

- Crime-scene and crash documentation
- Fire and arson investigation
- Courtroom-ready visualization
- Pre-incident planning
- Mapping schools, public buildings and critical facilities

What you should leave with

- How scene capture shortens roadway and scene hold times
- What makes 3D documentation defensible and courtroom-ready
- How pre-incident models improve response and interagency coordination
- How to prioritise which critical facilities to map first

Who this session is for

Public works directors, city and county engineers, GIS directors and managers, survey and mapping teams, transportation departments, facilities and asset managers, capital projects teams, police and fire departments, emergency management, and water and wastewater utilities.

AGENDA

How the hour is structured

Timings are approximate. The session runs 60 minutes with live Q&A in the final segment.

TIME	SEGMENT	LED BY
0:00 – 0:05	Welcome & series introduction	ConnectMii Events
0:05 – 0:15	Framing the problem: the local-government context	Moderator
0:15 – 0:35	Technology session: reality capture in practice	FARO
0:35 – 0:50	Practitioner case study from a public agency	Guest speaker
0:50 – 0:58	Live audience Q&A	All speakers
0:58 – 1:00	Wrap-up, resources & next session	Moderator

Pre-session checklist

Review these before the session so the discussion lands on your own situation. Tick what your agency can already defend with evidence.

- ☐ Scene documentation workflow and chain of custody are defined
- ☐ Investigators are trained on capture and on presenting 3D evidence
- ☐ Priority facilities (schools, arenas, utilities) are ranked for pre-incident mapping
- ☐ Fire, police and emergency management can access the same models
- ☐ Data retention and access policy covers 3D evidence

SPEAKERS

Who you will hear from

The full speaker line-up for this session is confirmed ahead of the event date. Registered attendees receive bios and affiliations by email.

FARO TECHNOLOGY SPECIALIST

Speaker to be announced

A FARO reality-capture specialist will walk through the hardware, software and field workflows behind the session topic, with real project examples drawn from public-sector deployments across North America.

PUBLIC AGENCY PRACTITIONER

Speaker to be announced

A practitioner from a city, county or public agency shares how their team put 3D reality data to work — what they captured, what it cost, what changed, and what they would do differently.

SESSION MODERATOR

ConnectMii Events

ConnectMii Events produces the Capturing the City series and moderates each session, keeping the discussion practical and focused on the needs of local-government teams.

NOTES

Your notes

Capture what applies to your agency: assets, workflows, costs, blockers and next steps.

Key points from the session

Ideas that apply to my agency

NOTES

Actions and follow-ups

ACTION	OWNER	BY WHEN

Resources or contacts to request

LIVE Q&A

Prepare your questions

The session closes with live audience Q&A. The most useful questions name a specific asset, department, budget constraint or workflow you are dealing with. Draft yours below and submit them in the Q&A panel during the session.

Prompts to get you started

- What is our average scene hold time, and what would we save?
- Which facility would we most want a 3D model of before an incident?
- Who across agencies needs access to these models, and how?

My questions for the panel

Question 1

Question 2

Question 3

Question 4

Didn't get your question answered live? Email it to info@connectmiievents.com and the team will follow up after the session.