

Integrated Urban Training Settings Planner



A practical worksheet for connecting streets, buildings, CQB spaces, and subterranean environments.

Urban Training
Layer Map

Environment
Inventory

Connection-Point
Checklist

TRANGO
SYSTEMS
MODULAR TRAINING INFRASTRUCTURE

Urban Training Layer Map

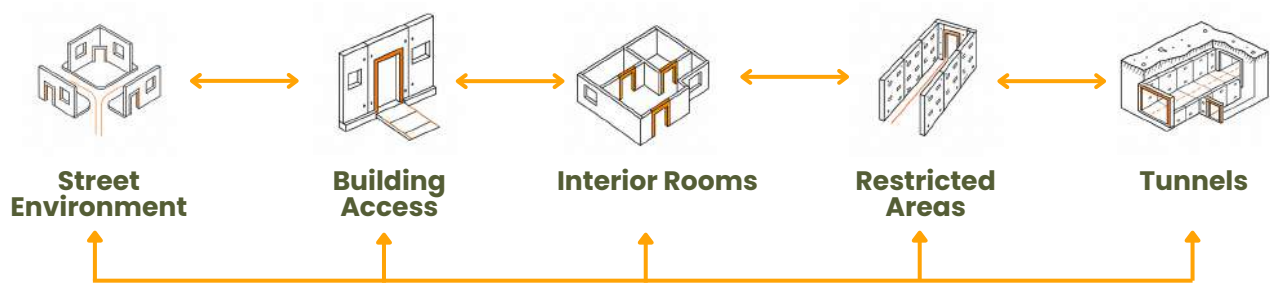
Plan the connections, not just the spaces

Connected training layers

Each layer of the urban environment must connect logically to the next. Routes, transitions, and observation systems should be planned as a unified configuration, not as separate standalone facilities.

Consider observation and information systems that operate across the layers and are part of the training cycle:

Instructor observation – Cameras and sensors – Unmanned systems



Environment Inventory

Identify the gaps

Urban Layer	Available now	Required	Connection Gap
Exterior street environment	☐	☐	_____
Building access points	☐	☐	_____
Rooms and corridors	☐	☐	_____
Restricted Areas	☐	☐	_____
Subterranean sections	☐	☐	_____
Observation and review systems	☐	☐	_____

Connection-Point Checklist

Does the facility function as one connected environment

A team may understand a street layout, perform well inside a familiar building, and remain comfortable in a tunnel when each setting is used independently. A connected environment presents a different problem. Information gathered in one area may become incomplete after moving indoors or underground. Sightlines change. Space narrows. Lighting and acoustics change. Radio performance may change. Navigation becomes harder when familiar external references disappear.

Routes and transitions

- Can a training route cross more than one urban layer?
- Do exterior routes connect logically to building access points?
- Can interior spaces connect to confined or subterranean sections?
- Can scenarios begin from different layers or reverse direction?

Reconfiguration

- Can doors, passages, junctions, and access points be changed?
- Can instructors alter the route without rebuilding the full environment?
- Can layouts change while the assessment criteria remain consistent?
- Does the facility reduce dependence on memorized routes?

Expansion

- Can additional rooms, streets, lanes, or tunnel sections be added?
- Are components compatible across different training areas?
- Will future additions create connected routes rather than separate facilities?



Configuration Planning Worksheet

How different parts will connect within a single configuration

Use this worksheet to plan how different parts of the training environment will connect within a single configuration. Define the training objective, required urban layers, key transition points, observation needs, and elements that should change between sessions. Then identify which existing infrastructure can be used and what must be added or reconfigured.

Define your configuration

- Primary training objective
- Personnel or units using the environment
- Urban layers required
- Critical transition points
- Elements that should remain consistent
- Elements that should change between sessions
- Observation and review requirements
- Unmanned-system requirements
- Existing infrastructure that can be reused
- Components required for the next development phase
- Immediate priority
- Longer-term expansion requirement

INTEGRATED SCENARIO TRAINING

For more details about creating modular integrated environments, contact Trango Systems at info@trango-sys.com. Our team can help match your training goals with the right mix of training systems and scenes with options to expand or reconfigure the setup as training needs change.



www.trango-sys.com