



N2X LABS | EVIDENCE OF CAPABILITY

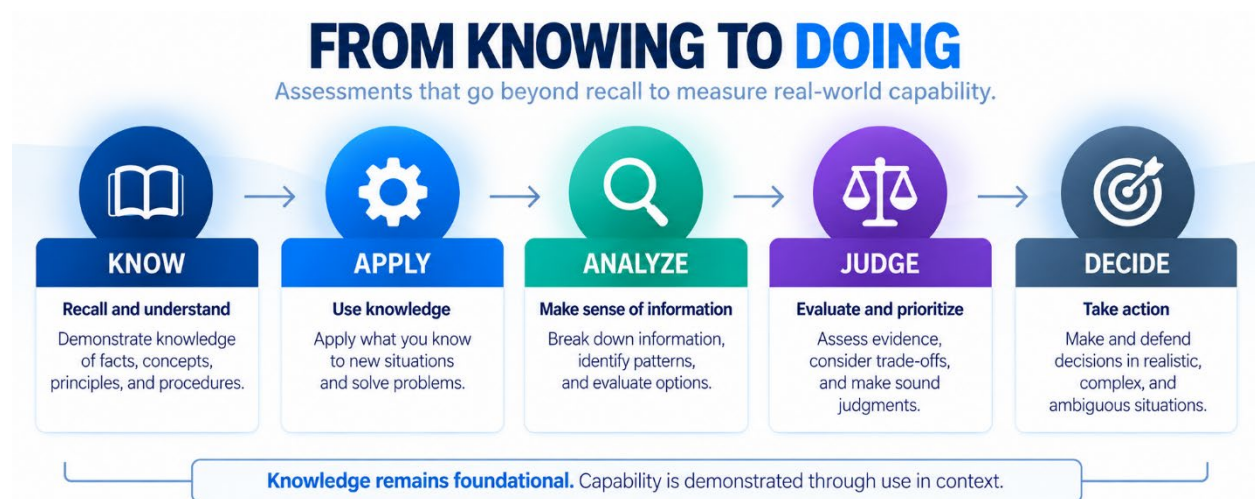
ILLUSTRATIVE USE CASE

Measure Capability, Not Just Knowledge

How scenario-based assessment can evaluate application, judgment, reasoning, and decision-making beyond knowledge recall.

Capability Measurement & Applied Assessment

Basis of Use Case: This use case illustrates how Aether is designed to support evidence of capability through scenario-based tasks, defined constructs, observable evidence, structured scoring, and adaptive assessment.





The Scenario

A certification, education, or workforce organization needs to know more than whether a learner or candidate can recognize the right answer. It needs evidence that the person can apply knowledge, interpret information, exercise judgment, and make sound decisions in realistic situations.

This matters when assessment results are used to support decisions about readiness, certification, learning progress, or workforce capability. Knowledge is foundational, but knowledge alone does not provide evidence of applied capability.

The Assessment Challenge

Many assessments are efficient at measuring recall, recognition, and comprehension. Those measures can establish whether someone knows a concept, rule, or procedure, but they may provide limited evidence of how that knowledge will be used when context, ambiguity, competing priorities, or consequences are introduced.

The challenge is therefore to design assessment tasks that elicit observable evidence of application, reasoning, judgment, and decision-making without losing the structure and consistency required for defensible measurement.

How Aether Is Used

Aether begins with the capability to be measured and the evidence that would demonstrate it. Assessment designers define the constructs, competencies, behavioral expectations, approved sources, scoring rules, and conditions under which performance should be evaluated.

Aether can then support scenario-based tasks that place knowledge into context. Rather than asking only what a learner knows, the assessment can require the learner to interpret a situation, identify relevant evidence, weigh alternatives, apply standards, justify a choice, or determine an appropriate course of action.

What the Assessment Team Would Experience

The team begins by defining the capability claim: what should a successful learner or candidate actually be able to do? It then specifies the observable evidence that would support that claim and the types of scenarios or tasks most likely to elicit it.

Within those parameters, Aether supports the creation of controlled, scenario-based Question Instances grounded in approved content and aligned to the intended cognitive demand. Evidence requirements, behavioral anchors, rubrics, coverage rules, and quality controls are established before assessment delivery.

During the assessment, Aether can select additional evidence opportunities where needed. Responses are evaluated against defined evidence indicators and scoring rules, allowing the assessment to build a broader picture of performance than a collection of isolated right-or-wrong answers.

The result is an assessment experience designed to show not only whether someone knows the material, but how effectively that knowledge can be applied when judgment and decisions matter.



Evidence and Operational Value

Measure more of what matters when knowledge must translate into performance.



The Capability Opportunity

For organizations responsible for education, certification, or workforce development, the opportunity is not simply to assess more knowledge. It is to design assessment experiences that produce evidence of how people use knowledge when they must interpret context, evaluate information, exercise judgment, and make decisions.

Aether is designed to help organizations move from measuring what people can recall to gathering evidence of what they can do.

Knowledge is the foundation. Capability is demonstrated through application.

AETHER | Assessment infrastructure designed for evidence, capability, and scale.