



OT DETECTION ENGINEERING

From Detection Tools to Detection Capability

Many organizations own SIEMs, EDRs, NDRs, and OT monitoring platforms. Few can confidently prove what they detect, how well it works, or whether critical OT attack paths are covered. Mithryl Systems transforms existing security investments into measurable detection capability through continuous validation, optimization, and engineering.



DETECTION VALIDATION

Continuously verify that detections work when they matter.



OT CONTEXT

Detection logic built around industrial protocols, Purdue architecture, and operational context.



HIGH FIDELITY ALERTS

Reduce analyst noise while increasing confidence in meaningful detections.

THE CHALLENGE

**Too many tools.
Too little detection confidence.**

Organizations collect millions of security events but often cannot answer:

- What do we detect?
- What don't we detect?
- Which detections still work?
- Which attack paths remain invisible?

These are operational resilience questions, not technology questions.

FROM DETECTION NOISE TO DETECTION CONFIDENCE



MILLIONS OF EVENTS

Collected daily.
Too much noise.



DETECTION VALIDATION

Verify what works.
Remove what
doesn't.



OT CONTEXT

Apply industrial
context and
operational
knowledge.



HIGH FIDELITY ALERTS

Fewer false
positives.
More signal.



OPERATIONAL CONFIDENCE

Detect what
matters.
Protect operations.



Detection Capability. Operational Confidence.

Mithryl Systems OT Detection Engineering transforms your tools into a proven, measurable detection capability that strengthens operations and reduces risk.



See Our Detection Engineering in Action

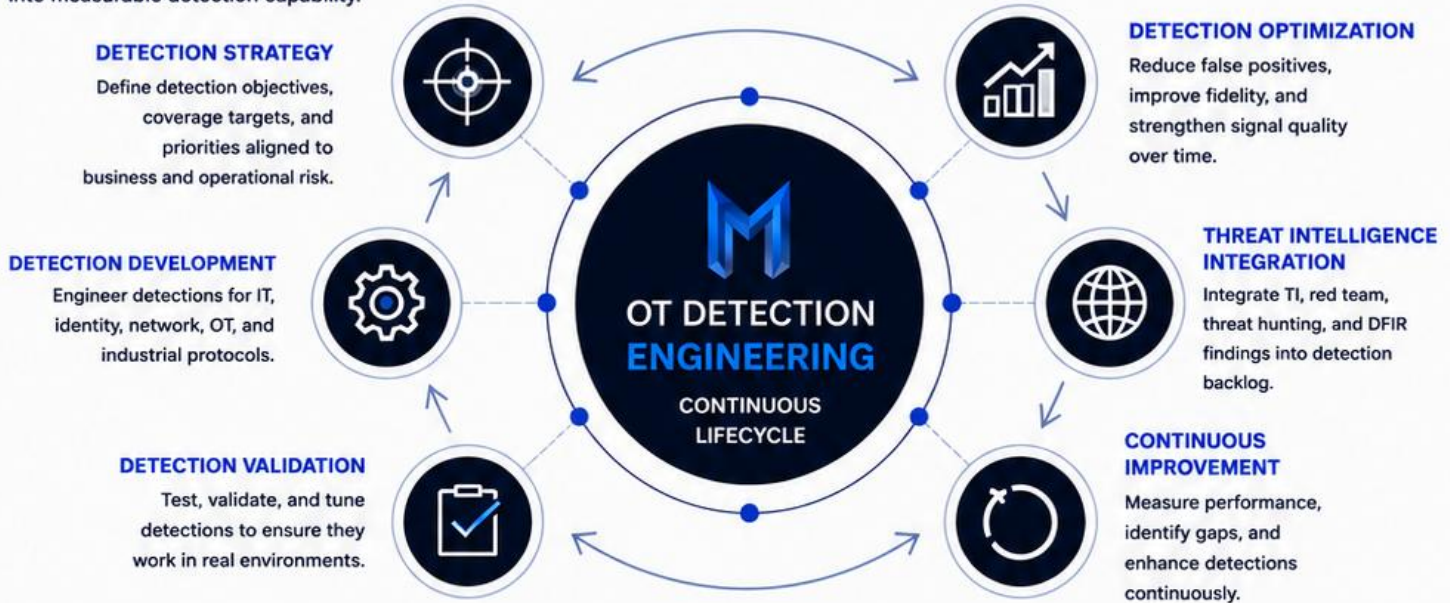
SCHEDULE A DETECTION ASSESSMENT

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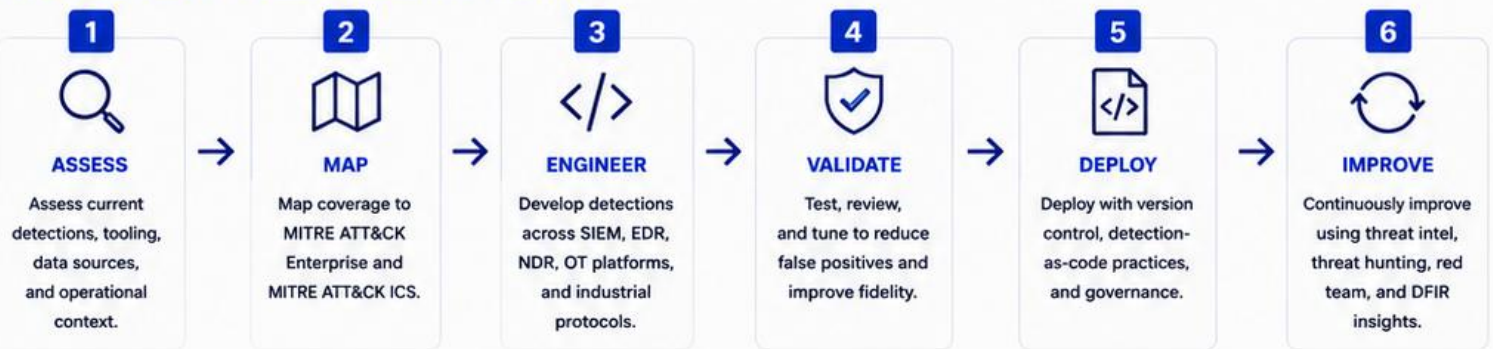


THE MITHRYL DETECTION ENGINEERING MODEL

A continuous lifecycle that turns threat intelligence and operational context into measurable detection capability.



HOW DETECTION ENGINEERING WORKS



DELIVERING MEASURABLE BUSINESS VALUE



Detection Capability. Operational Confidence.

Mithryl Systems OT Detection Engineering delivers the detection capability you need to protect operations, reduce risk, and build lasting resilience.



Learn how we turn detection tools into detection capability.

DOWNLOAD THE EXECUTIVE BRIEF
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