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ARCHITECTURE RESEARCH NOTE

# Authority Before Execution Architecture

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Originally authored as an independent research note prior to the establishment of Certor Technologies Ltd.
Current publication and archival maintenance: Certor Technologies Ltd.

Research Note · Authority Before Execution · Preserved URL


**NO PERMIT**

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**NO EXECUTION**

Execution remains dependent on validated runtime authority.

# Architecture Overview

This page presents a structural overview of Certor™ as an authority layer positioned before execution. Rather than allowing downstream action by default, the architecture introduces an explicit decision point before execution may proceed.

Certor™ is positioned before operational execution. Its role is not to replace the model, but to stand between system intent and real-world action.

The architecture introduces a separate decision layer capable of determining whether a requested action should proceed, be blocked, or be deferred.

### Independent Gate

The authority layer is separated from the acting system, reducing reliance on self-authorization by the decision-generating component.

### Explicit Decision

Each request produces an explicit result such as Permit, Block, or Defer, creating a clear pre-execution governance point.

### Model-Agnostic Structure

The architecture is designed to function before downstream systems act, regardless of the model or service used beneath the authority layer.

## Conceptual Execution Flow

## Research Continuity

This architecture note is preserved as an early structural expression of the Authority Before Execution concept. It remains part of the Certor™ research archive while later publications expand the concept into fuller runtime governance, validation, and execution-authority frameworks.

## Related Research

**Foundational Paper**
Authority Before Execution — full HTML publication.

**Research Library**
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