

## EdgeX ADR Template

**Note:** The following template was sourced from GitHub and will be used as a basis for all ADR records.

Link: [GitHub - joelparkerhenderson/architecture-decision-record: Architecture decision record \(ADR\) examples for software planning, IT leadership, and template documentation](https://github.com/joelparkerhenderson/architecture-decision-record)

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### Architecture Decision Record (ADR) template <!-- Replace with ADR title -->

This is a template for EdgeX Foundry ADR.

Source: [Architecture Decision Record \(ADR\) template - EdgeX Foundry Documentation](#)

#### Submitters

List ADR submitters.

Format:

- Name (Organization)

#### Change Log

List the changes to the document, incl. state, date, and PR URL.

State is one of: pending, approved, amended, deprecated.

Date is an ISO 8601 (YYYY-MM-DD) string.

PR is the pull request that submitted the change, including information such as the diff, contributors, and reviewers.

Format:

- \[Status of ADR e.g. approved, amended, etc.]\(URL of pull request\) YYYY-MM-DD

#### Referenced Use Case(s)

List all relevant use case / requirements documents.

ADR requires at least one relevant, approved use case.

Format:

- \[Use Case Name]\(URL\)

Add explanations if the ADR is not addressing all the requirements of a use case.

## **Context**

Describe:

- how the design is architecturally significant - warranting an ADR (versus simple issue and PR to fix a problem)
- the high level design approach (details described in the proposed design below)

## **Proposed Design**

Details of the design (without getting into implementation where possible).

Outline:

- services/modules to be impacted (changed)
- new services/modules to be added
- model and DTO impact (changes/additions/removals)
- API impact (changes/additions/removals)
- general configuration impact (establishment of new sections, changes/additions/removals)
- devops impact

## **Considerations**

Document alternatives, concerns, ancillary or related issues, questions that arose in debate of the ADR.

Indicate if/how they were resolved or mollified.

## **Decision**

Document any agreed upon important implementation detail, caveats, future considerations, remaining or deferred design issues.

Document any part of the requirements not satisfied by the proposed design.

## **Other Related ADRs**

List any relevant ADRs - such as a design decision for a sub-component of a feature, a design deprecated as a result of this design, etc..

Format:

- \[ADR Title\]\\(URL\) - Relevance

## **References**

List additional references.

Format:

- \[Title\](URL)