



Technology Topic Suggestion Form

Please use this form to describe your idea for a technology topic that you would like ISA to cover. Send the completed form to Charley Robinson at crobinson@isa.org.

INTRODUCTION

Automation professionals in the engineering and technology fields use ISA standards, training, and publications to improve the management, safety, and cybersecurity of modern automation and control systems used in critical infrastructure across various industries.

The Technology Search Committee (TSC) is responsible for evaluating technology topics that may provide significant improvements or additions to ISA's product portfolio.

Identification

The following items are required to uniquely identify the proposed topic during analysis. These will be replicated in any subsequent or related documents.

► Topic Title

State the name of the technical topic or technology you would like to submit.

► Topic Description

Describe the topic in a few brief sentences.

► Submitted By

Enter the name(s) of the person(s) making this submission.

► Source

Describe the source of this proposal. Where did the idea originate (individual, organization or another discipline)?

SUBMISSION

To conduct a thorough assessment, it is necessary to have more than a simple description. The information required in the following section will aid the committee to properly evaluate the technology topic to determine if it would be a good fit for ISA, whether to pursue the topic further, and if so, how to prioritize it within the portfolio. The required details include: potential areas of application, implications for existing standards, and possible alternatives.

Context

► Standards

Identify any existing standards that are relevant to the use of this technology, or that must be followed in its application.

► Models and Architecture

Include any models or other architecture-related information that helps to understand the technology and its application.

► Related Technologies

Identify any other technologies that may be related to this one.

► Application

Where would this technology potentially be applied? What new or changed functionality would be considered suitable for its use?

► **Relevance**

How is this topic or technology related to the automation discipline and the portfolio of solutions or standards employed?

► **Value**

Describe the potential value in employing this technology. This can be expressed in terms of new functionality and/or improved capability or efficiency of existing functions.

► **Implications**

What are the possible implications for the existing automation architecture, reference model or portfolio?

Proposal

What specific recommendations do you have as to how this opportunity should be addressed?

- Collaboration with another organization
- New standard
- Revision or expansion of existing standard
- Educational or training materials
- Other: _____

Additional Comments

► Provide any additional information that may be helpful in assessing this technology.
