

System to Track Training Participation

Revision

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SME

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Abstract

This document describes the process to track the participation in cybersecurity training.

Group / Owner

Security / Cyber Instructor

Motivation

This document is motivated by the need to have a system in place to track the cybersecurity training participation of individuals involved in creation of safety-critical, cyber-physical systems for certification of compliance to standards such as **ISO 21434** and **ISO 26262**.

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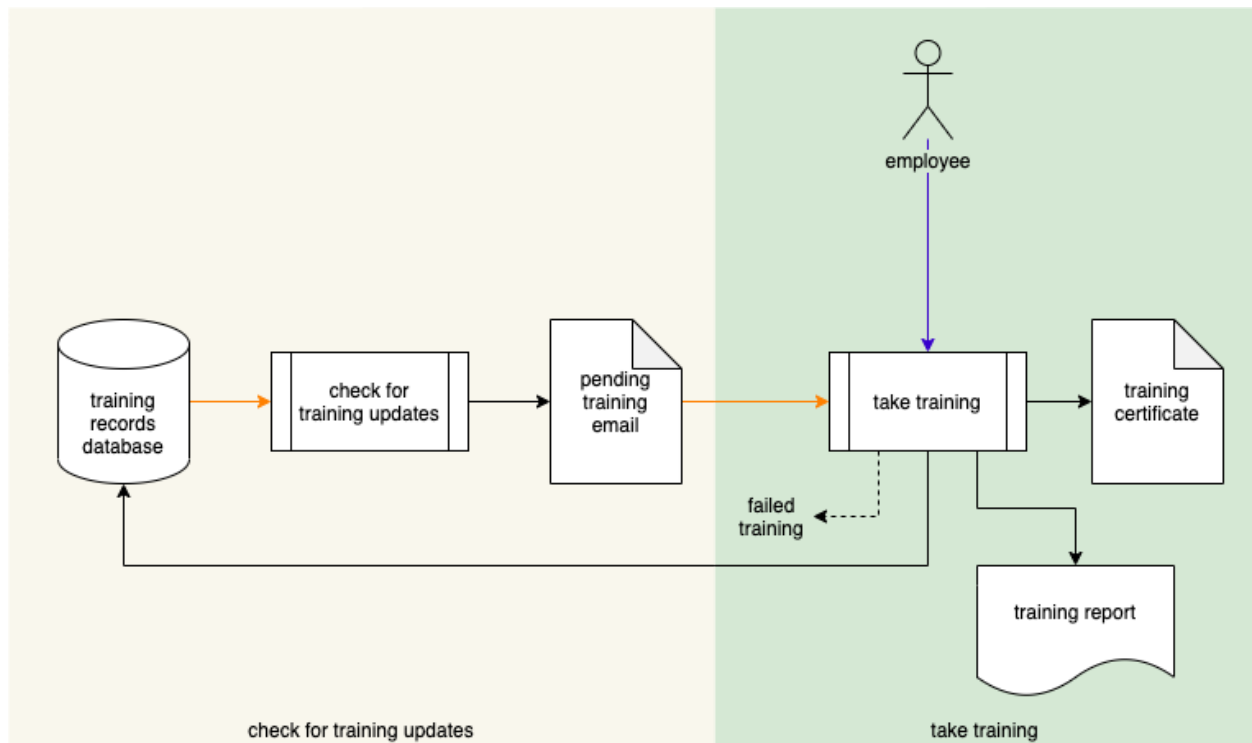
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Overview

It is insufficient to have security training without a corresponding training tracking as tracking is the metric by which training maturity is measured. The corporate training system is used to track the training progress for all employees.

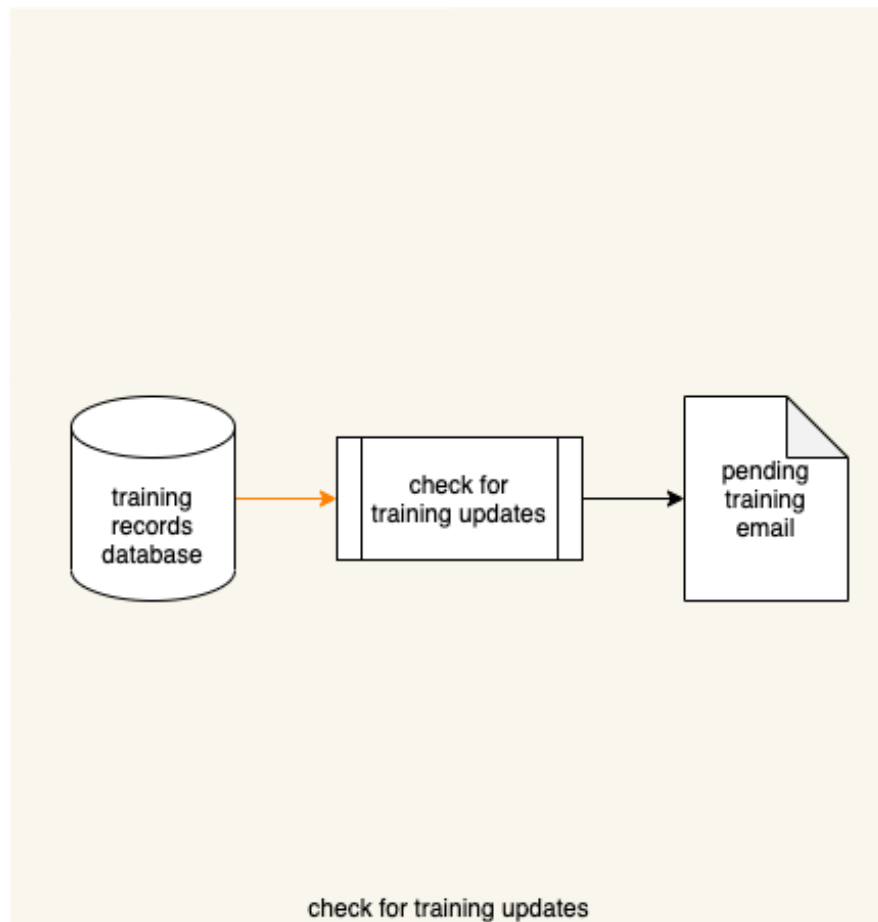
The following workflow shows the training tracking system implementation:



Training Process

Check for Training Updates

Inputs	Training Records Database
Outputs	Pending Training Email
Participants	None



The **Check for Training Updates** process monitors the **Training Records Database** and notifies employees as training modules become available or due. A **Pending Training Email** is sent to inform employees of these updates.

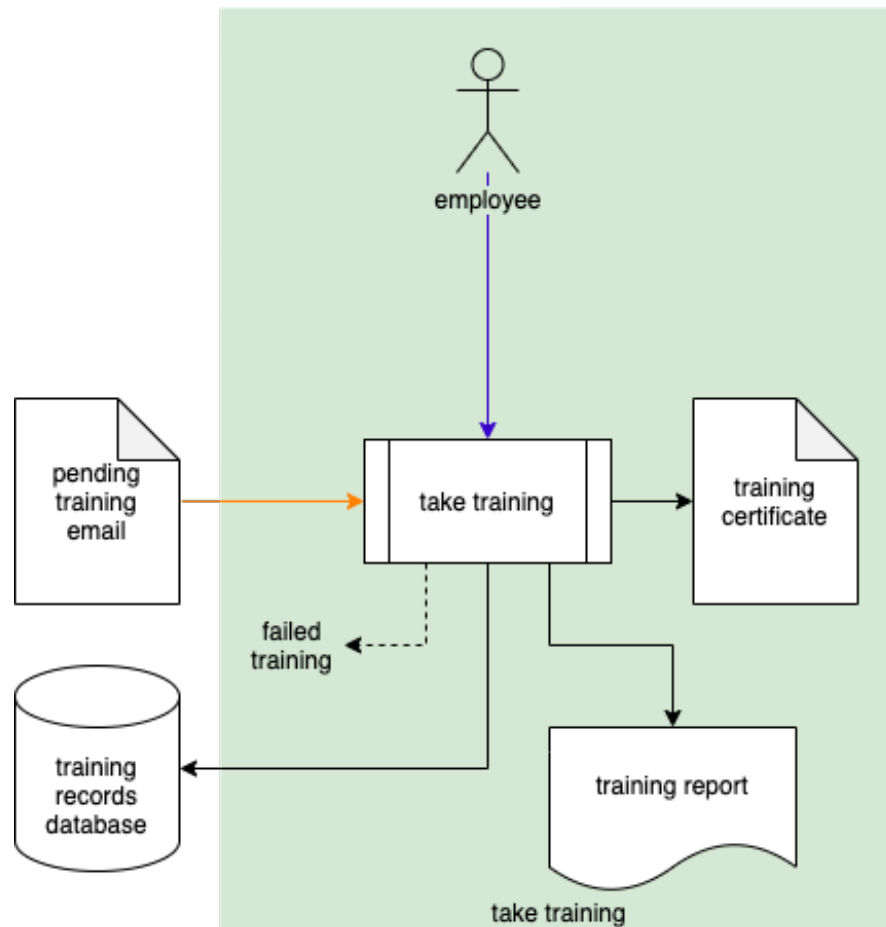
Notification types include:

- New training available
- Training coming due
- Training overdue

Note: Notifications will also be sent when training modules need to be retaken.

Take Training

Inputs	Pending Training Email
Outputs	Training Report Training Certificate
Participants	Employee



Upon receiving a **Pending Training Email**, the employee takes the training. A **Training Report** will be generated upon completion. The **Training Records Database** is updated based on the outcome of the training.

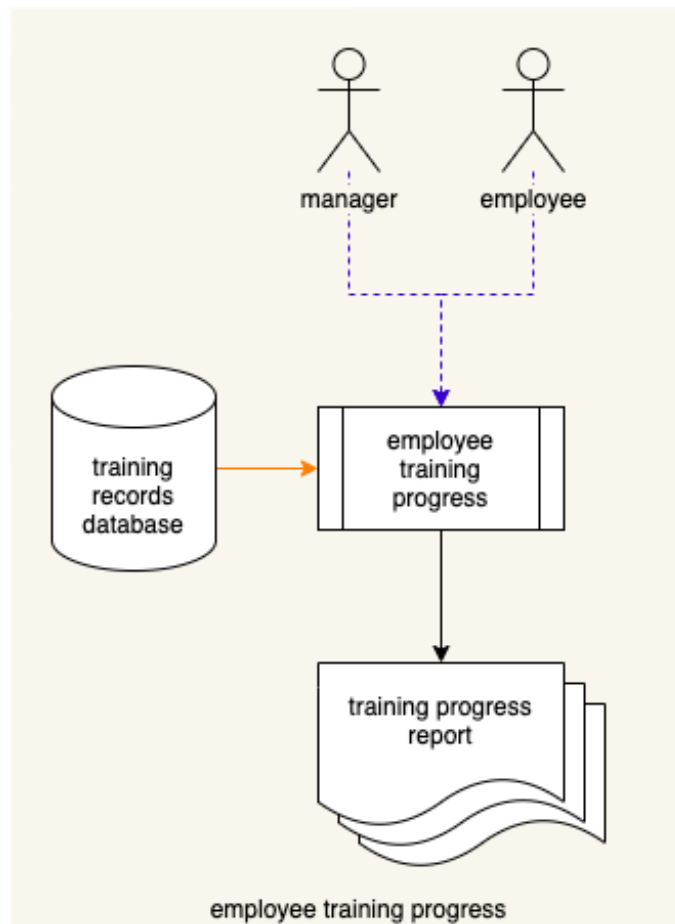
When the training includes a knowledge review and the employee fails to achieve the minimum passing score, a **Failed Training** notification is generated, and the employee is required to retake the training.

Upon successful completion of the training the employee is issued a **Training Certificate**.

Reporting Process

Employee Training Progress

Inputs	Training Records Database
Outputs	Training Progress Report(s)
Participants	Manager or Employee



The manager or employee accesses the **Training Records Database** and generates a **Training Progress Report**.

Note: The report query may generate multiple reports.

Note: The employee access is limited to their own training records.

References

1. **Training Catalog** (AVCDL secondary document)
2. **Training Report** (AVCDL tertiary document)
3. **Training Progress Report** (AVCDL tertiary document)