Summary

In his presentation, Doctor Laporte introduces the ISO/IEC 29110 standard. He explains that the ISO/IEC 29110 standard is a set of rules made for VSEs (Very Small Enterprises) specifically those with less than 25 employees. These rules help these organizations make good quality software on time and within budget. One of these rules is to fix problems in the software early to find problems late. This is notably important during testing since it can be expensive and take a lot of time to fix.

Laporte explains the different ways to check the software for bugs. These checks are filters that catch problems in the software. About half of the problems can be found and fixed using these checks. You can find the four different ways listed below.

1. Personal reviews

2. Inspections

3. Desk checks

4. Walkthroughs

Laporte also talks about different types of VSEs, and how following the rules of the ISO/IEC 29110 standard can help them grow faster.. For example, startups with 6 people, teams working on one product, teams working on multiple projects at the same time, and large teams working in a growing business.

A study in Thailand showed that VSEs should work together on a big project since most people (79%) who used the ISO/IEC 29110 standards were happy with the results. Not following these standards can lead to bigger problems. For example, a mistake in the software from one developer caused a loss of over $200 million for the manufacturer. Therefore, it's very important for organizations to follow these standards to avoid risks. This will also allow them to make sure they deliver quality software.

In short, Laporte explains that the ISO/IEC 29110 standard is a set of rules that helps VSEs make good quality software. It emphasizes finding and fixing problems early, using different checks, and following proven practices. VSEs that follow these rules can grow faster and are usually happy with the results.