

## Pre-Certification Testing

### Customer

The customer is one of the global leaders on the enterprise content and document management systems market. With headquarters in the UK and US, the company has representative offices in 30 countries worldwide and a large network of resellers. More than 60 000 users in 100 countries work with the company's products enjoying the reliability and simplicity they are admired for.

<b>Company</b>	<i>Software Development</i>
<b>Country</b>	<i>UK, USA</i>
<b>Business Domain</b>	<i>Enterprise document management solutions development</i>
<b>Services Used</b>	<i>Microsoft Dynamics NAV Solution pre-certification testing</i>
<b>Efforts</b>	<i>2 man-months</i>

### Project

One of the customer's products helps optimize and simplify the process of working with Microsoft Navision; to effectively integrate into the Navision-based business processes; to simplify documents input/output; to integrate with Microsoft Share-Point (SharePoint serving as a document repository); to integrate with other customer's products for documents processing and faxing.

### Challenge

A1QA's objective in this project was to prepare the product for the Microsoft Dynamics ISV Software Solution certification process.

### Solution

There are several types of certification requirements: product functionality requirements and program code requirements.

After the detailed product analysis stage, two separate groups of test cases have been created:

- Cases to be carried out by the development team (on the customer's site)
- Cases to be carried out by the testing team (A1QA); they test product's functionality

The pre-certification testing process comprised 2 steps:

1. **Initial Testing.** Intended for locating all the discrepancies between the product and the certification requirements. As a result, a list of discrepancies was formed with an action plan to follow.
2. **Corrections Check and Repeat Testing.** Intended for assuring the product is ready for the actual certification process. After the discrepancies had been eliminated and the corrections had been made, another set of tests was carried out to ensure the product compliance with the certification requirements.

The peculiarity of this project was the fact that the remote testing team was working on some of the "difficult" requirements together with the development team. The well-established cooperation process between the two teams was essential for the timely preparation of the products for certification.

### Results

After all certification requirements had been successfully implemented and the product had been tested by both the development and testing teams, it was sent to the Microsoft certification center.

The certification process was successful and the product received the Microsoft Dynamics ISV Software Solution certificate at one push.