

CASE STUDY

Software testing outsourcing for a Multinational Machine Tool Company

CAD / CAM software's version testing of a multinational machine tool manufacturer is performed by Mortoff SQM experts, as part of an outsourced activity.

Client: Multinational Machine Tool Company

How to Collaborate: Perform testing activities from the Mortoff site under the professional guidance of the customer

Activity type:

- Manual software testing
- Installation tests
- Technical tests
- Functional tests
- Test Automation
- Improvement of functional test automation
- Running functional regression tests

CUSTOMER OBJECTIVES

The customer's Quality area has limited resources.

To test versions of the software, they needed a reliable, easily accessible (even available at the customer's site) skilled tester resource.

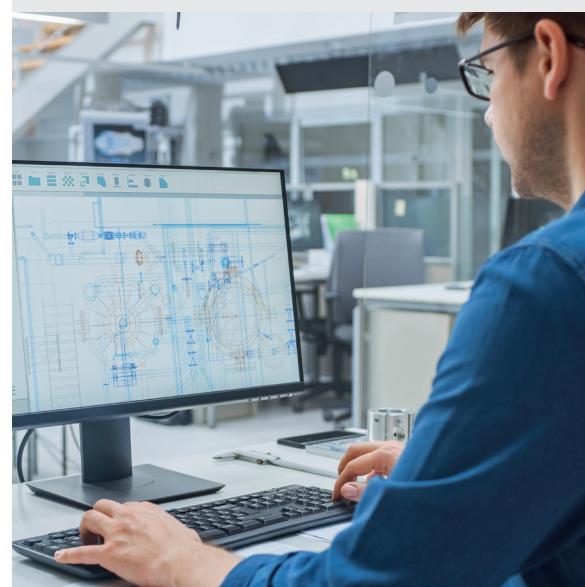
BACKGROUND

The client has a serious development team. The development team is also responsible for ensuring software quality in the case of new developments. However, scarce resources are available for installation and regression testing of versions.

MORTOFF GROUP

www.mortoff.hu
www.mortoff.ro
www.i-deal.hu
www.probi.hu

1138 Budapest, Dunavirág str. 2.,
1st tower 3rd floor
+36 1 319 55 11
sales@mortoff.hu
www.mortoff.hu



COOPERATION

INITIAL GOALS:

At the beginning of the collaboration, we set the goal that Mortoff's testing experts from our site would be able to independently perform the testing tasks, specified by the Customer in the expected quality.

TASKS:

Mortoff's ISTQB testers test pre-release versions of customer-developed machine control software (CAD /CAM):

- **Perform installation tests** - Performing installation tests in different environments and platforms
- **Functional tests** - Perform functional tests of various modules
- **Test Automation** - Improvement, maintenance and running of the existing test automation framework.



Mortoff specialists planned and ran the test cases independently based on what has been discussed.

The testing team provided different competencies to perform complex testing tasks:

- Senior technical tester
- Senior manual tester
- Senior engineer tester
- Senior and junior, developer background test automator

THE COOPERATION

There are currently 5 testing experts performing the testing tasks, but the team's testing team has been steadily expanding during the collaboration. Each new tester undergoes a week-long on-site training, and from time to time, other members of the testing team participate in further training.

EXPERIENCES, RESULTS

Over the years, we have achieved the following results:

- The test team at Mortoff's site operates in a way that is transparent to the customer
- Seamless daily contact, professional cooperation
- Mortoff's testing team performs complex professional tasks that are constantly expanding
- Mortoff has become a strategic partner for the customer in testing

ADDITIONAL PLANS

The client's goal is to move to scrum-based operation, which also relies on Mortoff's expertise.

At several professional meetings, Mortoff also made further suggestions for the transformation. The client's plans include expanding Mortoff's current responsibilities and role: setting up an independent scrum team of Mortoff developers and QA experts.