



IQS Collaborative Testing – Unlocking reliable innovation by integrating centralized highly automated testing in your development process

Agile development methods and the adoption of DevOps has increased the frequency of software releases to the production environment. These practices power innovation, by incrementally and frequently enhancing processing capabilities and the customer experience.

But the demands on quality assurance are considerably increased, as more frequent releases means more frequent testing is required. If test processes are fragmented, complex, and expensive to plan and execute, you are left unable to innovate as quickly as the market now demands.

IQS is the collaborative testing solution from Infraxis, designed for highly automated payments testing, covering functional, regression, performance and exploratory test strategies.

Collaboration

Access to IQS is made using a standard browser and all of the test processing is performed centrally. This approach is essential in driving efficiency within the quality assurance process – fragmented and distributed test apparatus, specialized hardware, licence dongles, and unversioned test data are completely eliminated!

Engineering and QA teams can co-operatively develop and maintain test cases and test data – think “Google Documents” of testing.

All test results, logs and traces placed in your online work area are securely stored for access by your organisation. Abnormal or unexpected results can be shared to speedup the rectification of faults.

Application Lifecycle Testing

As an application evolves to support new business functions, it soon becomes essential to maintain and test multiple versions of that application to assure quality and to assess the impact of changes made to both the application software and the operating environment.

IQS supports the configuration of multiple test environments, matching the multiple instances of your application.

Test engineers can switch between environments at will, applying the same tests to different application instances and checking the results are as expected.

At some point the application will change in such away that different tests are necessary to prove a newer version. Previous tests may need modifying and new tests added to assure that the new application version functions correctly.

IQS projects can be cloned from previous project versions and then modified to keep testing consistently synchronised with your developments.

Test projects can be archived at appropriate times to record the status of your project and to enable the removal of projects and versions no longer required within the test configuration.

Infraxis support

Infraxis is with you every step of the way and through our unique IQS Asset Store portal, IQS users can download test packs, manage their licenses and request support when using IQS.

Highly experienced Infraxis personnel are available to assist you with all aspects of your testing needs, from defining requirements through to executing test strategies on your behalf.

Performance Testing

Modifications to both application software and operating environments can have both positive and negative effects on the performance of any application. The ability to test application performance regularly upon demand is essential to ensure that business loads can be processed with acceptable response times to every request.

IQS performance testing offers a truly scalable test harness to drive your application and measure both response times and operating resource usage at specific transaction volumes.

Whether you require emulation of transactions from large numbers of terminals, high volume network connections or to simulate a large number online customers, IQS is able to deliver the loads needed, helping to ensure your applications are ready to process anticipated business volumes.

Accreditation & Certification

IQS has been designed to support certification processes, where a network operator, card scheme or industry supplier needs its customers to prove compatibility with their standard interfaces.

The centralized online approach adopted by IQS simplifies licence management, management of test packs and standardises the validation of certification results. The multi-tenanted capabilities of IQS enables your customers to test flexibly at any time, and incorporate this testing into their own integration and regression processes upon demand.

Customer specific certification criteria can be easily supported through certified opt-out of selective test-pack items.

Test packs can be centrally installed and published, after which they are available for all of your customers to use within their testing processes.

IQS has been designed to minimise the management effort required within the certification business process and in so doing IQS helps minimize the total cost associated with this critical business function.

Testing-on-Demand

Infraxis has ensured that the management of test collateral is simplified for its customers, making the process of testing as simple and effective as possible to save time and reduce costs.

IQS users are given access the IQS Asset Store through which they can make service requests, manage licenses and download test packs.

Infraxis offers IQS as a securely hosted solution which can interact with your test environments via a site-to-site VPN with strict firewall controls providing industry standard data protection. There's no software to install on your own infrastructure and Infraxis offer guaranteed scalability together with 24 x 7 availability.

With IQS on-demand you use what you need and pay for what you use, and do so with the surety of Infraxis supporting you all the way.

For customers preferring to host their own solution, Infraxis provides IQS as a locally deployed solution that is installed and managed on your internal infrastructure, whilst at the same time providing essential collateral through the IQS Asset Store. Regardless of which option you take, IQS is managed in the same efficient way and offers the same powerful features to help optimise your quality assurance processes.