

Data generation tool automates testing of software for e-Money alternative to cash and debit cards

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Press release from: [Grid-Tools Limited](#)

Oxford, UK - Grid-Tools Limited, a leading vendor of test data management and information lifecycle management software uses its data generation tool to enable sQuidcard to meet a tight launch deadline for its e-Money alternative to cash and debit cards. sQuidcard is a leading e-Money alternative to debit and credit card networks, and is set to become the product of choice for sub £10 tap-and-go transactions.

A solution that scales to handle millions of customers and transactions

Experts predict rapid growth in this market, with sQuidcard well positioned to replace some of the £200bn sub-£10 cash transactions made each year in the UK. When rolling out a solution of this complexity to millions of card holders and potentially handling tens of millions of transactions a year, sQuidcard had to be certain that the data underlying the system was tested to the limit.

“The e-money payment network is launching in May,” explained Barry Williams, the Commercial Director of sQuidcard, “but we had to be certain that it could scale to handle millions of customers and transactions.” At the heart of the problem was a tight delivery schedule for developing the solution, and the need to test it rigorously. “In our testing, we had to simulate a situation where sQuid had been in existence for a number of months, or years.” sQuidcard neither had the time to key all this data in by hand, nor the capability to generate realistic data on a large scale to test the system under a diverse range of scenarios.

Automated data generation and testing was the solution

There were two options open to sQuidcard, “We could have had a team of people sitting at terminals, keying in accounts, and creating new accounts,” explained Barry Williams, “but this method would have meant missing the delivery deadline. What we chose to do was use Grid Tools’ data generation product to simulate merchants and customers having transacted for a period.” The obvious benefit to sQuidcard was by using the automated method they could meet their objectives a lot quicker. Within the testing parameters, they could also replay different scenarios, and put a far greater range of diversity into the data.

“We chose Grid-Tools because they convinced my developers they had a great degree of competence and could deliver,” emphasised Barry Williams. “They really know the Oracle data structures, and were able to relieve some pressure off my development teams.” There were also certain advantages to working with a smaller, specialist company: “We are also a small company, and we understand that their overhead is a lot lower. This allowed Grid-Tools to offer a price-point which was suitable for us.” Most importantly, Barry explained, was the high degree of responsiveness from Grid-Tools, and the total understanding they demonstrated of sQuidcard’s objectives and technical challenges. “Overall, it’s been a great experience working with them.”

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About Grid-Tools

Grid-Tools' software enables organisations with databases to achieve legal compliance, to increase the productivity of its IT staff and to improve the price/performance of its infrastructure. Grid-Tools' solutions apply to test data management and information lifecycle management. The core product automates the discovery and documentation of database structures: add-on modules generate, anonymise or subset test databases, or archive production databases.

[You can find this press release here](#)