Project Wang Migration
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translation W.J.T. Stijnman

In the KLM-shelter at Schiphol-Rijk stood big, but especially very old Wang machines. For decades they ran essential applications for KLM Engineering & Maintenance like Trace and Bill of Work / STI. Trace keeps track of components through the shops en their processes, Bill of Work / STI is a collection of aircraft maintenance applications for jobcards, checklists and maintenance planning. Wim Stijnman, Wang manager in the early hours, had the intention to clip off the power plugs of the old Wang servers when he retires. This plan failed, but now we could invite him back.

Wim Stijnman, an old Wang 8400 and concrete shears. On the right Theo Kleijburg.

The ageing of the Wang hardware more and more raised the operational risk of extended unavailabilty of Trace and Bill of Work / STI to an unacceptable level. Wang hardware is no longer in production, therefore spares are rare and old, so the decision was made to act.

The aged Wang hardware:

* The high closet on the let contains disks peripherals.
* The big white box in the center was the Wang 16000 server for Bill of Work / STI, the size of a desk.
* The black machine on the right under the table is the server for.
* PC right on top of the Bill of Work / STI server is almost antique 386 (1986-1990) operator console.

In 2011 the project Wang Migratie started under management control by Ineke Groot Baltink to replace the hardware by modern Dell platforms with a Wang emulator. This should eliminate the unacceptable operational risk without functional changes for the users. This has been realised in two phases: on februari 15, Bill of Work / STI has moved and Trace on march 5. The new installation has a high availability option to switch operation seamless to a second server at the push of a button when the first server fails.

The new Wang platform:
- 2 Dell-servers
- A disk cabinet
- For reference: it all has the size of a desk drawer box.

The project team directed by Jan de Weille (on bealf of the Business Development Organisation) and Sander Kooreman (Information Services) constited among others of Harry Duim, Theo Kleijburg, Jos Gordijn and Jan Goes. They have completed the job with enthusiasm and great commitment and in good co-operation with the provider, TransVirtual Systems.