

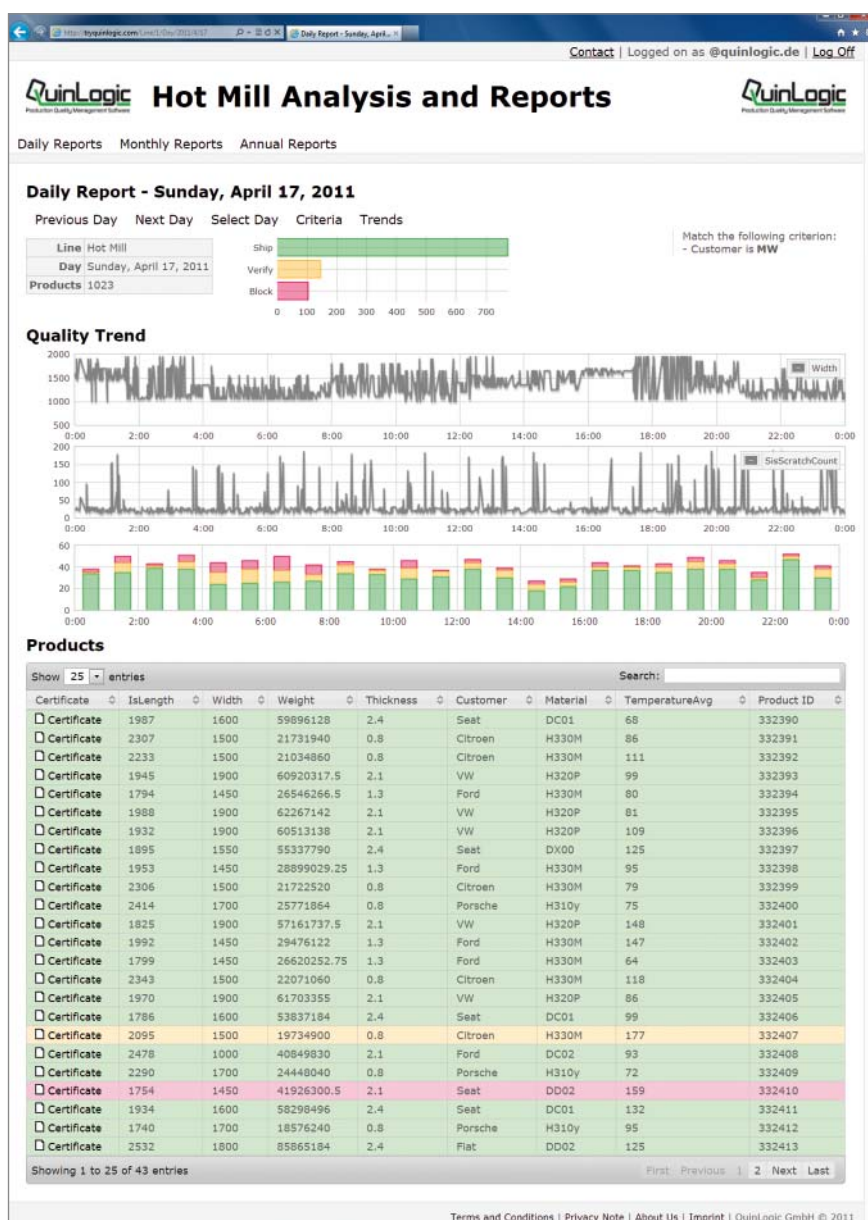
# First installation of the new web-based quality analysis and reporting software

Quinlogic announces the first successful installation of its new web analysis and reporting software (WA) at ThyssenKrupp. Based on demands from many steel makers, the web analysis and reporting software offers online access to consolidated quality data for management, customer support, quality and process experts – anywhere and anytime, even on mobile devices like the iPad.

Assessing quality requires combining data from many sources – often a time consuming and error prone activity. The Quinlogic web analysis (WA) reporting system delivers instant answers to “on-the-fly” management questions through the web/html interface. Results can be shown on mobile devices, e.g. on iPad tablets via WiFi or 3G/UMTS networks – anywhere and anytime. As a consequence, results are securely accessible in meetings, on business tours or even

at home in emergency cases. The underlying data management ensures data to be up-to-date to the very latest coil.

The key benefit of the WA reporting software is to shorten the time from an event to a qualified activity from weeks to minutes – just by simplifying the data availability – a significant source for savings and reduction of uncertainties. The result can also be improvements in delivery performance and reduction of inventories.



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Figure 1. The entire QES quality certificate can be shown with just one tap even on the iPad

## A breakthrough user experience

The WA reporting software has been optimized thoroughly for speed – fast, focused interaction with very sophisticated and fast database operations. Secondly, configuring reports and display results requires minimal activity. Due to the requirements of a touch-based user interface, input in most cases does not involve typing – material codes or customer names can just be touched.

The WA reporting software allows specifying the reporting scope in a wide range. Often, the most recent production is less important than the plants quality performance over time. The underlying data management system can produce reports covering years of production and yet deliver results on screen in seconds – due to a specialized database management. In addition to standard parameters, e.g. customer, material and dimensions, high resolution gauge data is accessible and can be scheduled for display by simple selection. A special software concept minimizes data/graphics transfer via networks, especially for mobile devices. After a drilldown to a particular coil, the entire quality

certificate can be shown with just one tap – exhibiting the rules that have been applied and their results as well as the underlying coil measurement data.

## On-the-fly quality reports

Putting a focus on production data is easy – the html touch interface (optimized for iPads and also for various browsers, e.g. Internet Explorer, Firefox, ...) allows to define the point of interest – customer, process route, certain gauges or other characteristics. Through the data interfacing of the underlying Quinlogic QES (quality execution system), managers have instant access to details, e.g. surface defect statistics or degree of thickness deviation. This information can directly be displayed as a part of the report – at no extra configuration effort – all via the touch interface. This data can also be used to focus a report, e.g. to all coils suffering from scratches or suffering from excessive width tolerances. Analyzing the delivery performance for a particular customer is done in seconds for everybody, using the WA reporting software. Of course, WA supports various user roles with individual rights.

## Try yourself – now!

The Quinlogic web analysis and reporting software has been developed to support wide spread usage, not requiring documentation or training. In order to prove that to everybody, Quinlogic has created a test server with simulated plant data. You can log-in with a conventional web browser or with an iPad and get your own first-hand impression. Browse through plant wide coil lists, review quality certificates and define your own focus of interest with selection criteria and trend displays. The [QR code](#) aside links directly to the server that also can be logged onto with the given URL. To achieve individual sessions and to comply with legal requirements, users need to login with their e-mail address. Quinlogic pledges not to send any unwanted e-mails. ■



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