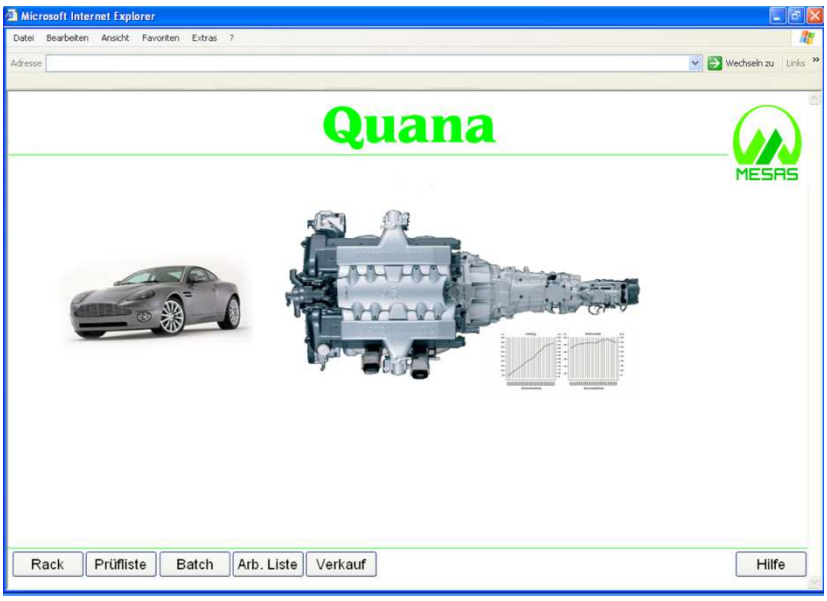
MESAS Quana
Manufacturing Execution System

As an integrating link between commercial ERP systems and the control instruments of the shop floor, **M**anufacturing **E**xecution **S**ystems (MES) provide the information base for interaction of business processes. Customized and well structured MES solutions optimize production due to improved realization of production planning targets and faster response to production events.

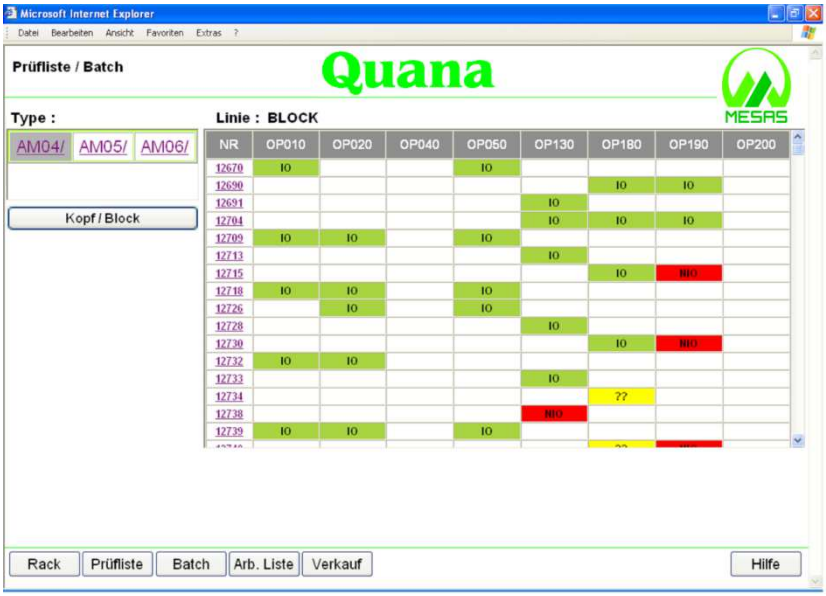
Due to the use of web based applications up to date production data can be accessed from anywhere in the network.



Example: Welcome screen of the web-interface

Real-time monitoring / Batch traceability

The check list / batch shows an online up to date state of processing for each part.



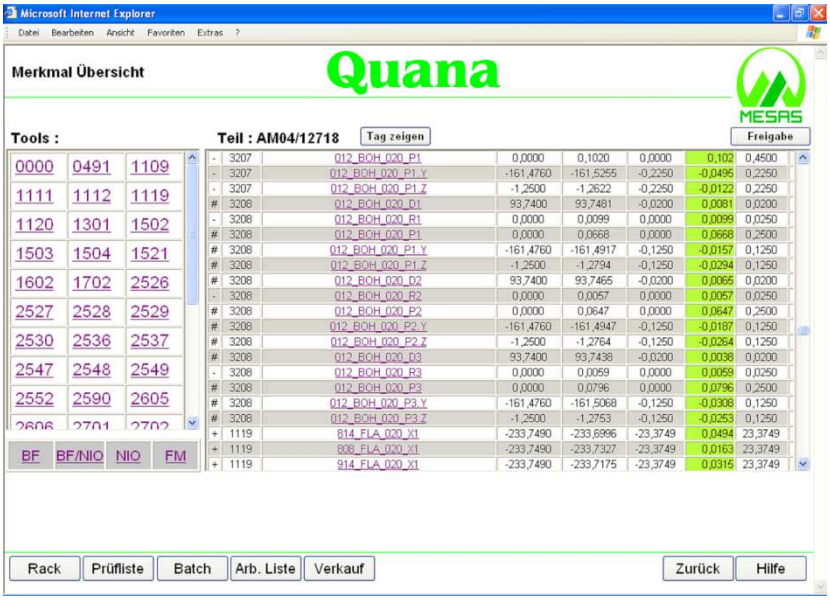
Serial number - List of operations

Traceability of assemblies and batches

In case of customer complaints, it is possible to show up all batches referring to a batch no. / serial no. as well as the characteristics measured.

For each part / characteristic there is a link to the corresponding tool.

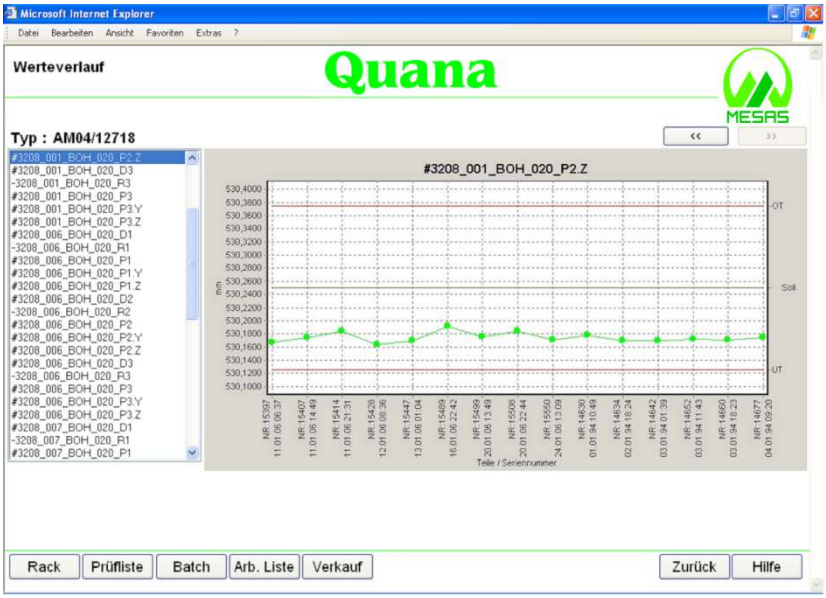
This link allows to identify any potentially faulty part in case of a tool malfunction.



Characteristics with link to production tool and workstation.

For each individual characteristic charts can be displayed on the screen and reports can be printed out for documentation.

All data can be exported to qs-Stat for additional statistical evaluation.



Graphical display of the batch values.