



STATEMENT:

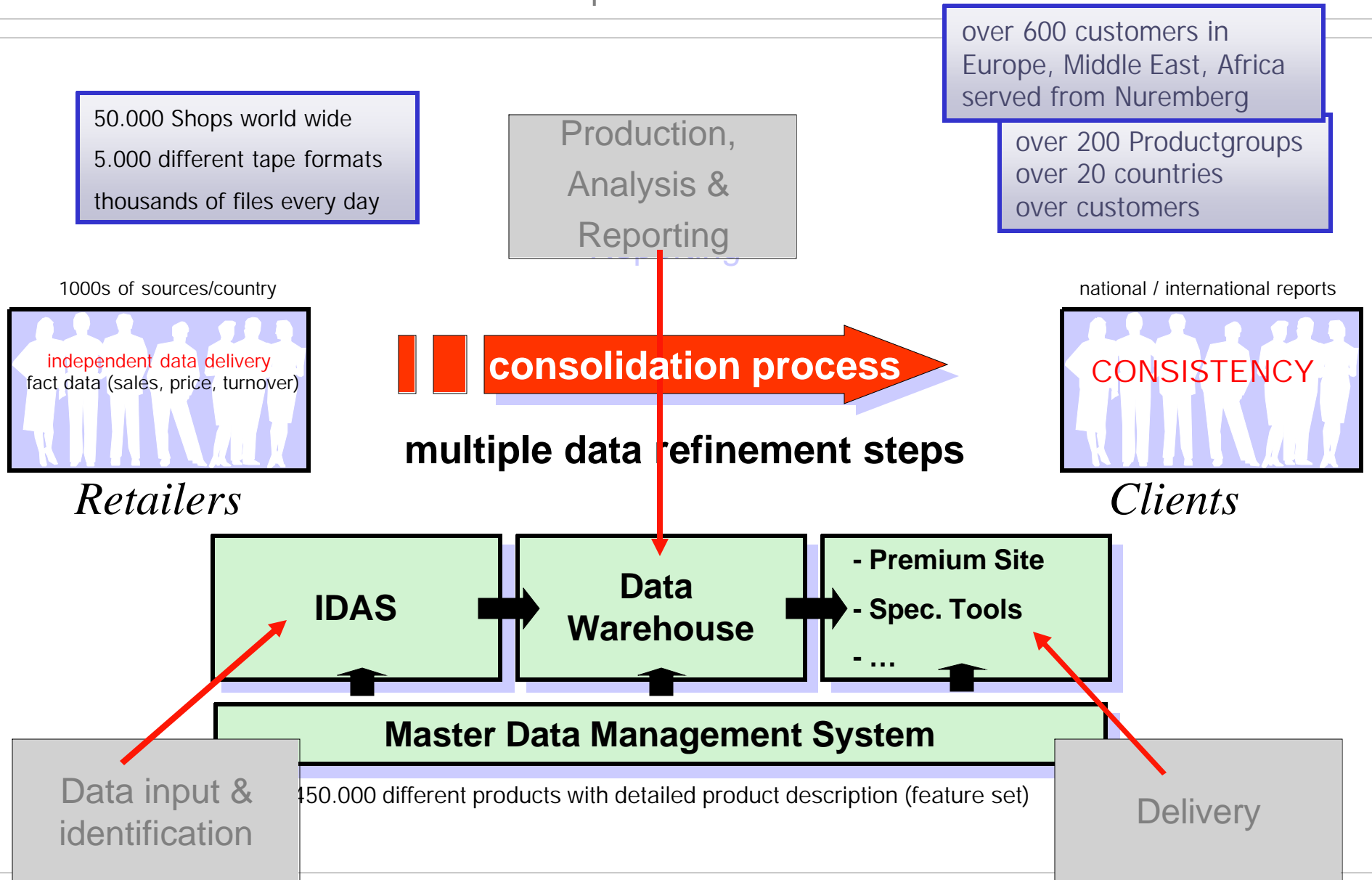
BI warehouses are slowly
moving dinosaurs

Wolfgang Lehner

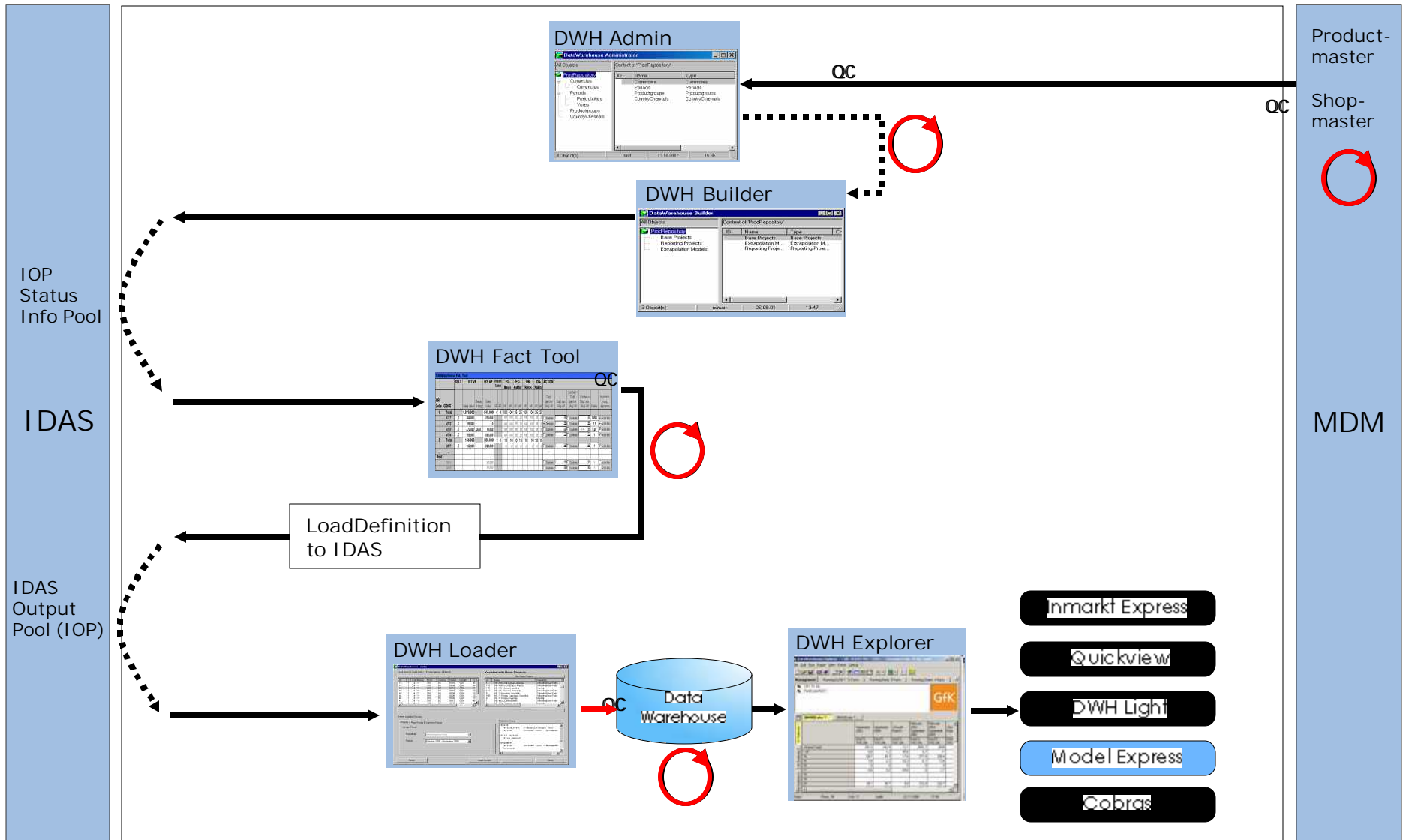
- ... from 10.000 feet
 - BI/DWH-environment has to fulfill two basic tasks
 - consolidation
 - model and schema integration,
 - logical/physical data integration, ...
 - stability
 - analytical business processes
 - foundation of statistical correctness

... here is an example !!!

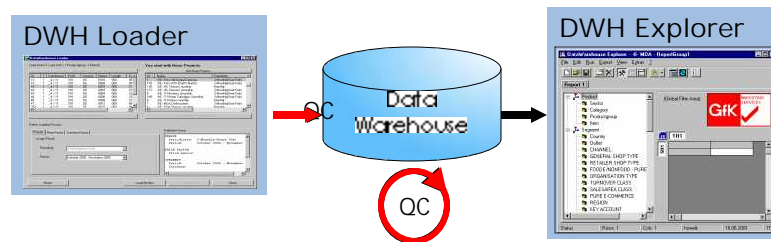
S* T* A* R* T* R* A* C* K : data production chain



S*T*A*R*T*R*A*C*K - Business Workflow



Time shifted production of national und international reports implies inconsistencies



operational \rightarrow *slowly-changing Data Warehouse*



- there is always a notion of “batch”
 - size may vary from app to app, but $|\text{batch}| > 1$ record
- lookup to ‘approved’ external data sets is OK
(this has enrichments semantics)
- data flowing through the ETL-process must be carefully handled in terms of local data quality and global data consistency
 - > notion of RELEASE is required!!!
(release is coupled to data quality assurance, e.g. consistency, completeness)
- I see the requirements of early access to BI data
 - on possible solution: ETL-Query Bus
 - provide a sneak preview of the coming data sets
 - has to be embedded with a notion of quality and consistency

