

# Agenda

- 1 GfK Retail & Technology
- The S\*T\*A\*R\*T\*R\*A\*C\*K system
- Data Refinement in Master Data Management
- Data Refinement in Data-In
- 5 Data Refinement in Analysis & Production
- 6 Data Refinement in Reporting

# GfK Retail & Technology

#### **GfK Mission Statement**

Companies need to make decisions, Knowledge is the best for decision-making.

Our business information services provide the essential knowledge that industry, retail and service sectors and the media need in order to make their decisions.

As a knowledge provider, we aim to be at the top in all the global markets in which we operate – in the interest of our clients, our employees, our company, our shareholders and the general public.

4

#### GfK Group: key features (I)

Sales	in 2004: EUR 672 million Previous year: EUR 595 million Increase on the previous year: approx. +12,8 %
Employees	5,539 full-time staff nearly 75 % of which outside Germany
Services	Comprehensive information services on consumer goods, healthcare and services markets Research know how Marketing consultancy
<u>Network</u>	About 120 subsidiaries, branches and participations in 61 countries on five continents

#### GfK Group: key features (II)

Core business

Pure market research player delivering information services to major global players in the consumer goods, services and healthcare industries.

Market position

Largest market research company in Germany, 4th largest in Europe and 5th in the world.

USP

Synergies across our business divisions: out of the top 50 clients 39 are consulting GfK in more than one business division.

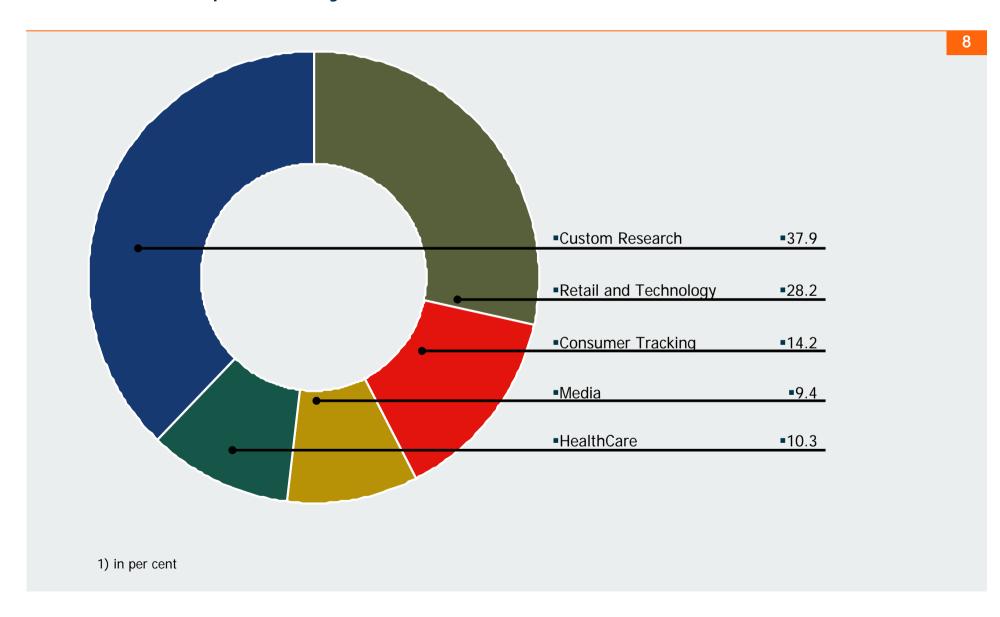
6

#### **GfK Historic stages**

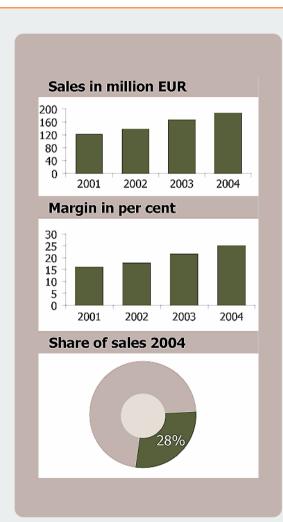
September 1999	GfK shares start trading on the Frankfurt stock exchange	
1990	Conversion into a joint stock company	
1967	Start of internationalization	
1949	Re-opening of GfK	
1934	Founded as GfK-Nürnberg e.V.	
1925	Founded: "Institut für Wirtschafts- beobachtung der deutschen Fertigware"	

#### GfK Group Sales by division<sup>1)</sup>





#### GfK Retail and Technology: key services



#### **Focus**

Information services in 61 countries regarding marketing, logistics and sales in industry and retail for companies operating in the consumer technology markets

#### The advantage for clients

Direct access to databases and/or transmission of standard analyses used to support, track and manage short, medium and long-term planning of product and pricing policies, advertising, distribution, sales and logistics

#### Market position

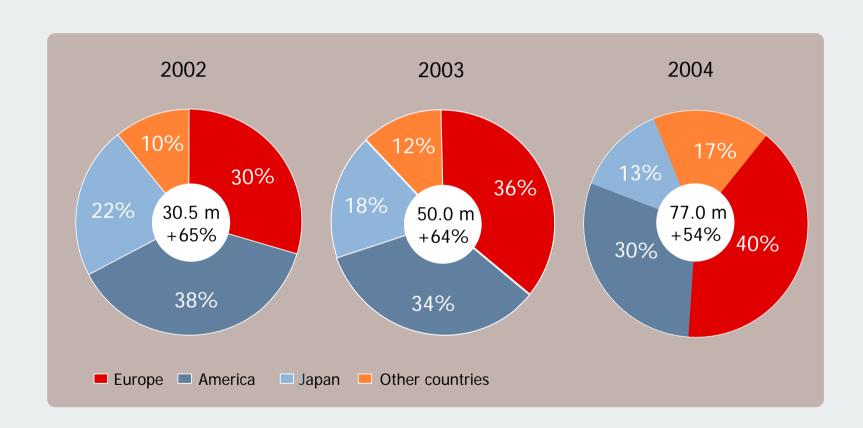
Market leader in Europe, Asia and the Pacific as well as in the Arab countries; market leader in the US, in conjunction with our partner NPD Intelect

9

#### Example: Number of digital cameras sold by region



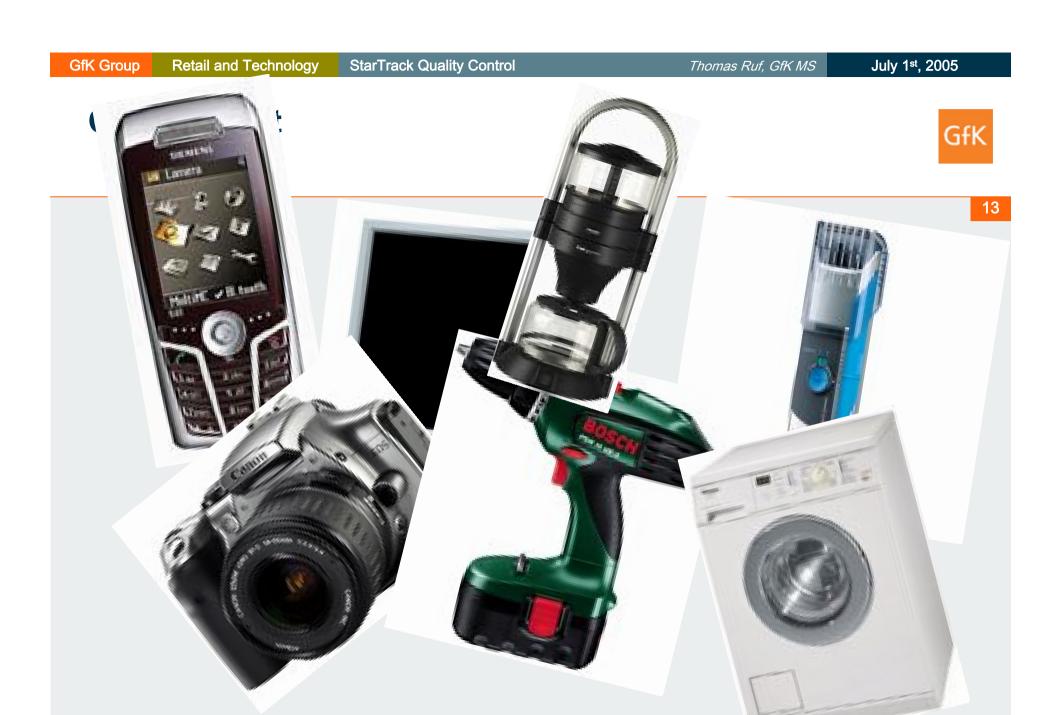




Source: GfK Marketing Services





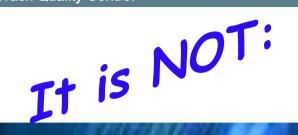




# The S\*T\*A\*R\*T\*R\*A\*C\*K system











#### - What is S.T.A.R.T.R.A.C.K? -

Retail and Technology



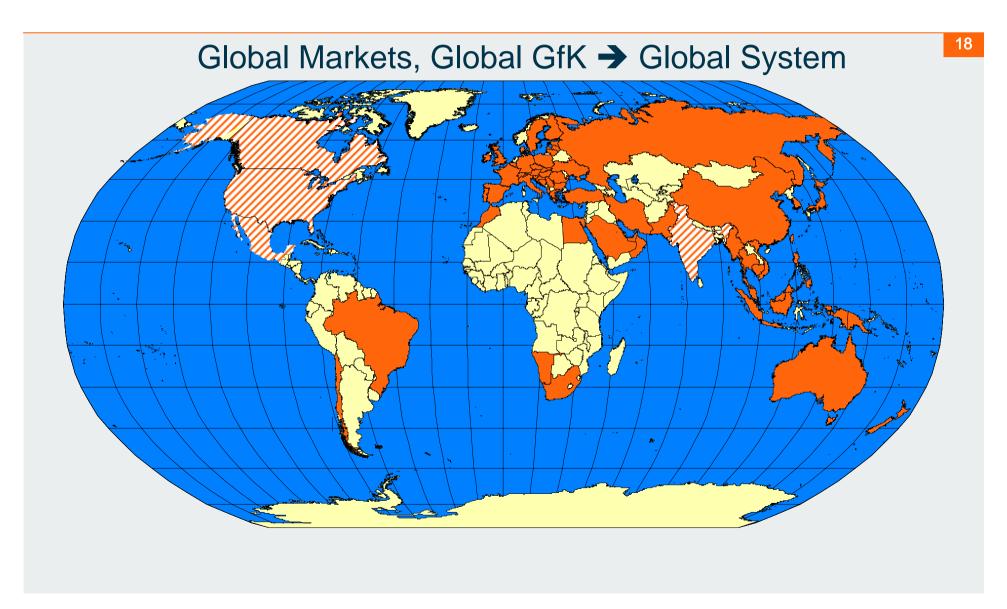
July 1st, 2005

# S\*T\*A\*R\*T\*R\*A\*C\*K = System To Analize and Report on TRACKing data

- New international production system of GfK Retail&Technology division
- Fully productive since March 2004
- Replaced inflexible mainframe system by a modern technology
- Relational database backend, VB & Active X frontend

#### - Why S.T.A.R.T.R.A.C.K ?-





#### Concepts of S.T.A.R.T.R.A.C.K



- One global platform for the entire Marketing Services workflow
- Easy Integration of additional countries into one global system
- Global Consolidation in coding and reporting:
  - → Global Codeplans (Feature Linking on MDM)
  - → Common Coding (on MDM, -> global hitlists in DWH)
  - → Global Reporting Structures (Library Objects in DWH)
  - → Web access
- → Flexible and fast => shorter reporting periodicities

19

# S\*T\*A\*R\*T\*R\*A\*C\*K



20 Retail Data Input & Production & Reporting & Identification Analysis Delivery Retail Data Creating value through knowledge for our clients **Industry** Collection **Organisations** International Data Data Warehouse Data Warehouse Acquisition System PreProcessing Reporting Master Data Management System

### **S**\*T\*A\*R\***T**\*R\*A\*C\*K Quality Benefits

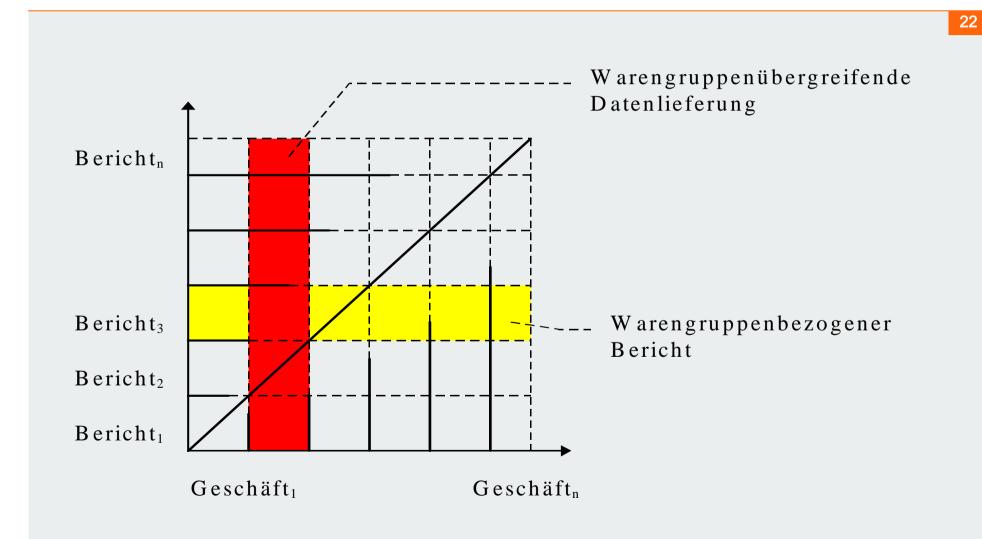


21

- International Standardization
  - consistent and consolidated product and shop master data base
  - global code plans
  - standardized segmentations in international reporting tools
- Improved Data Checks
  - improved shop quality check routines
  - easy to use and very flexible production analysis tool
- Improved Report Production
  - clear text definition reporting tool
  - centralized set up and maintenance of report pages

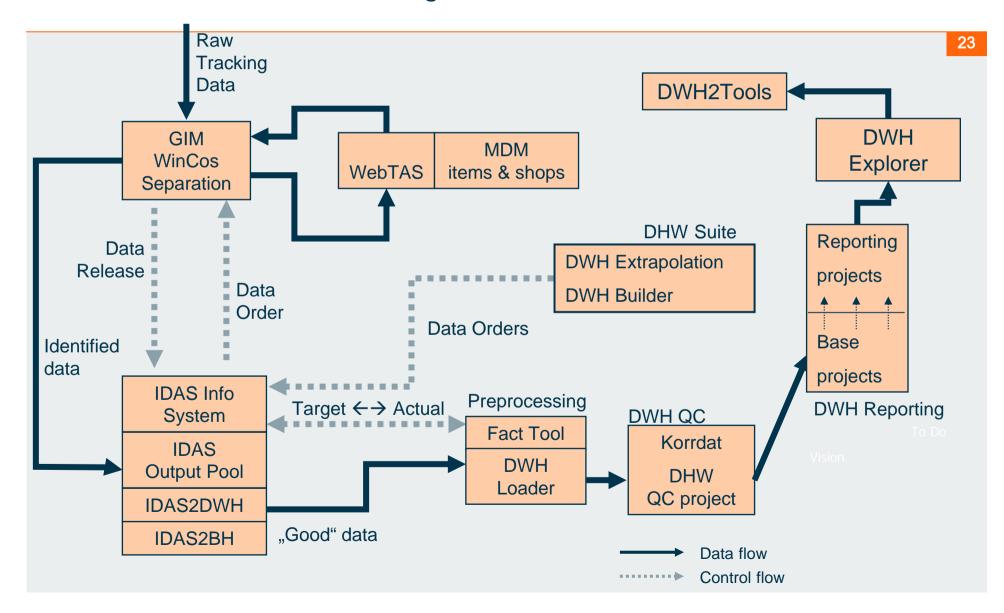
#### Kernaufgabe: "Kippen" von Datenlieferungen zu Marktberichten





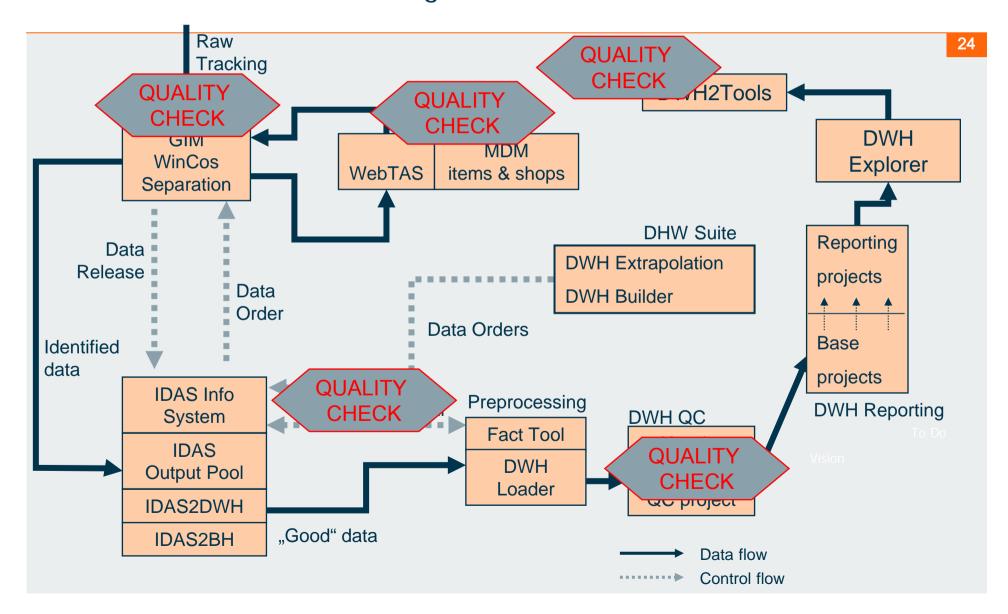
## **S**\*T\*A\*R\***T**\*R\*A\*C\*K Integrated Workflow





### **S**\*T\*A\*R\***T**\*R\*A\*C\*K Integrated Workflow







# Data Refinement in Master Data Management

Thomas Ruf, GfK MS

GfK Group

#### GfK MS product world structure

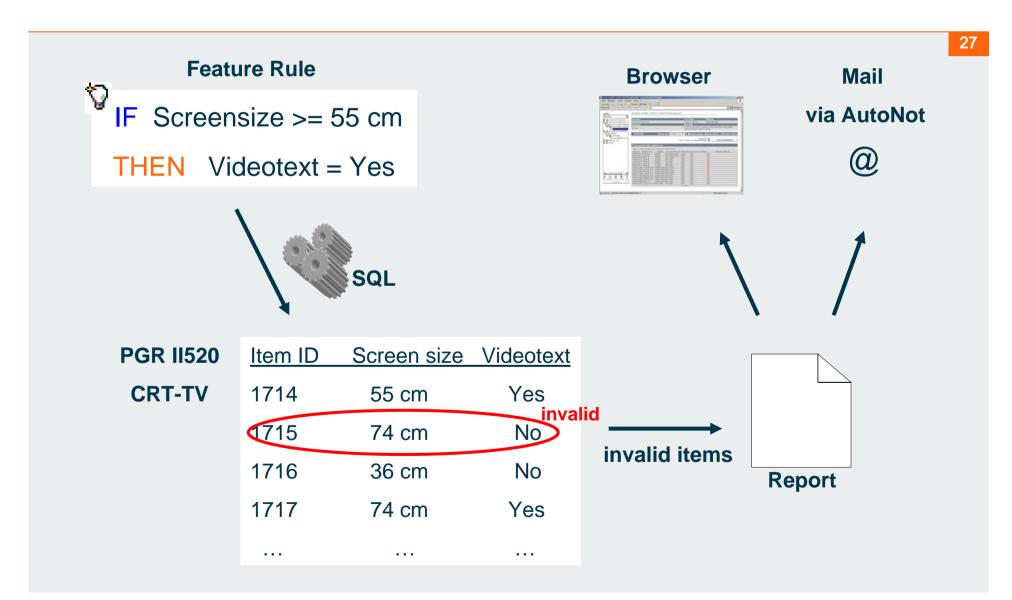


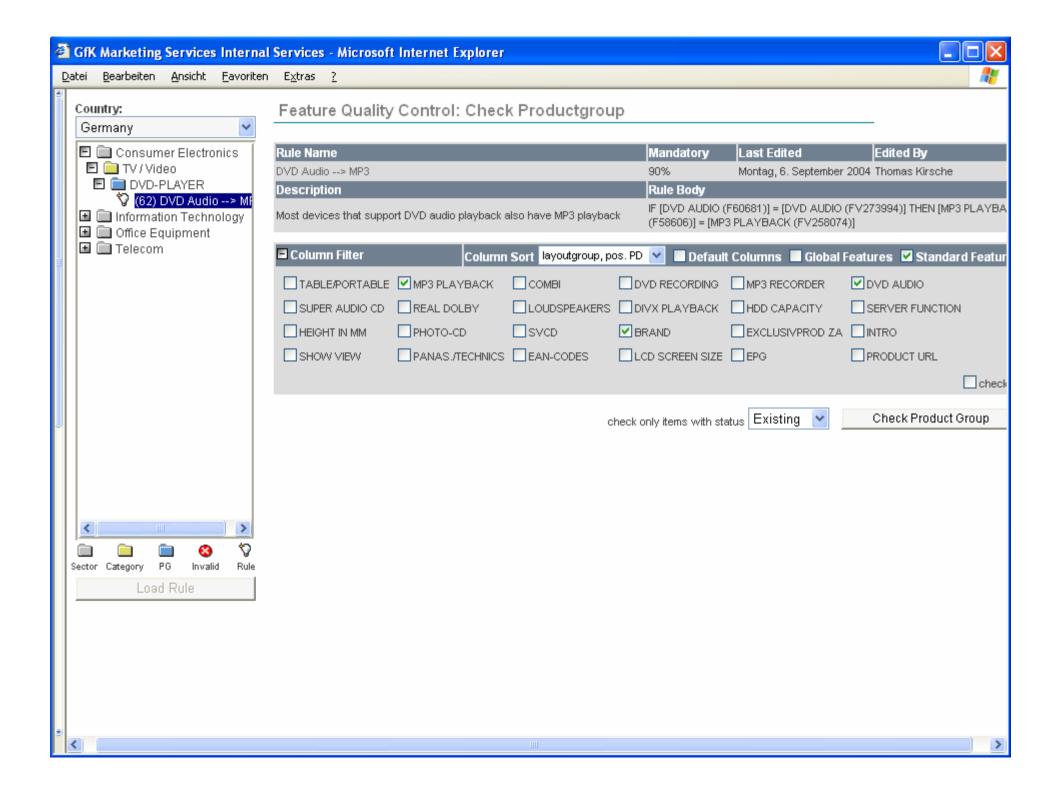
Product Group	Product Groups	Examples for Features and
Sectors	(Selection)	Their Feature Value
Large Appliances,	Washing Machines, Vac-	Water Consumption (in
Small Kitchen Appli-	uum Cleaners, Shavers,	litres), Cable Rewind (with,
ances, Jewellery, Fur-	Watches, Kitchen Furni-	without), Dust Bags (with,
niture	ture	without), etc.
Consumer Electronics	TV Sets, VCRs, Car Radios, DVD Players	Screen Size (in inches), Sound System (Stereo, Mono), TV Norm (NTSC, PAL, SECAM, PAL/ SECAM multi), Remote (with/without), Number of Video Heads (2,4,5)
IT/Telecom	Cellular Phones, PCs, Printers, Software	Band (Single-, Dual- or Triband), Mounting Form (Mini Tower, Tower, 19", Barebone), Pages per Minute, Application Field (learning game, entertainment, home office)

26

#### Item Quality Check via Feature Rules

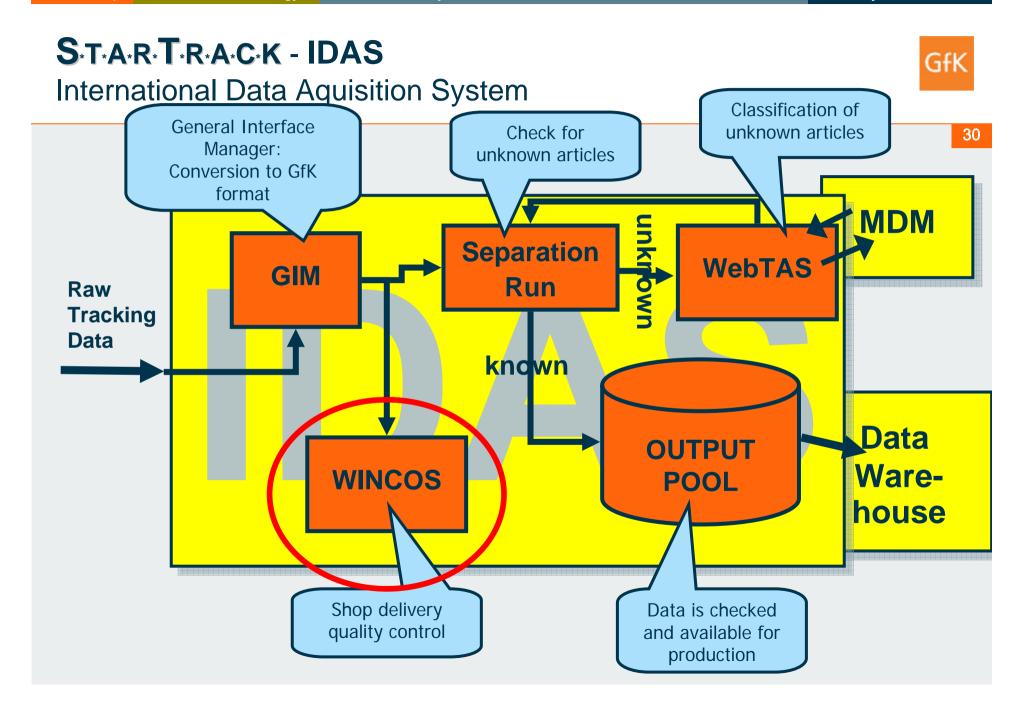








# Data refinement in Data-In

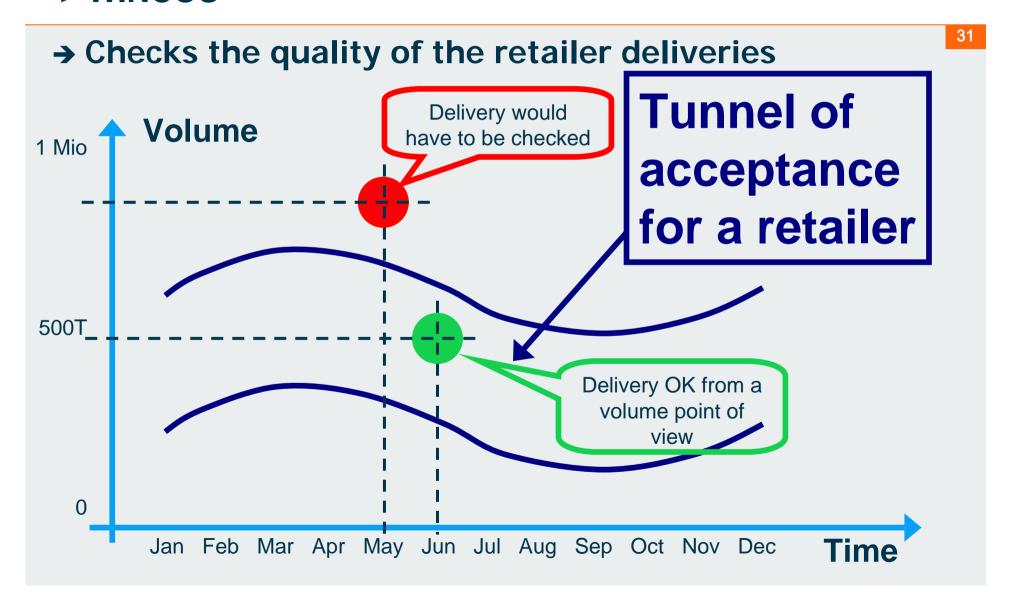


**GfK Group** 

# S-T-A-R-T-R-A-C-K - IDAS -> WINCOS

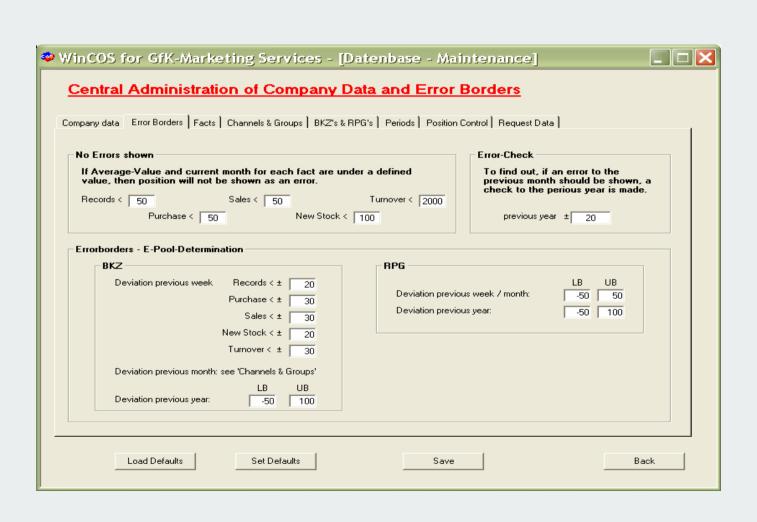


July 1st, 2005



Thomas Ruf, GfK MS

#### Data delivery checks in WinCOS





# Data Refinement in Data Analysis & Production

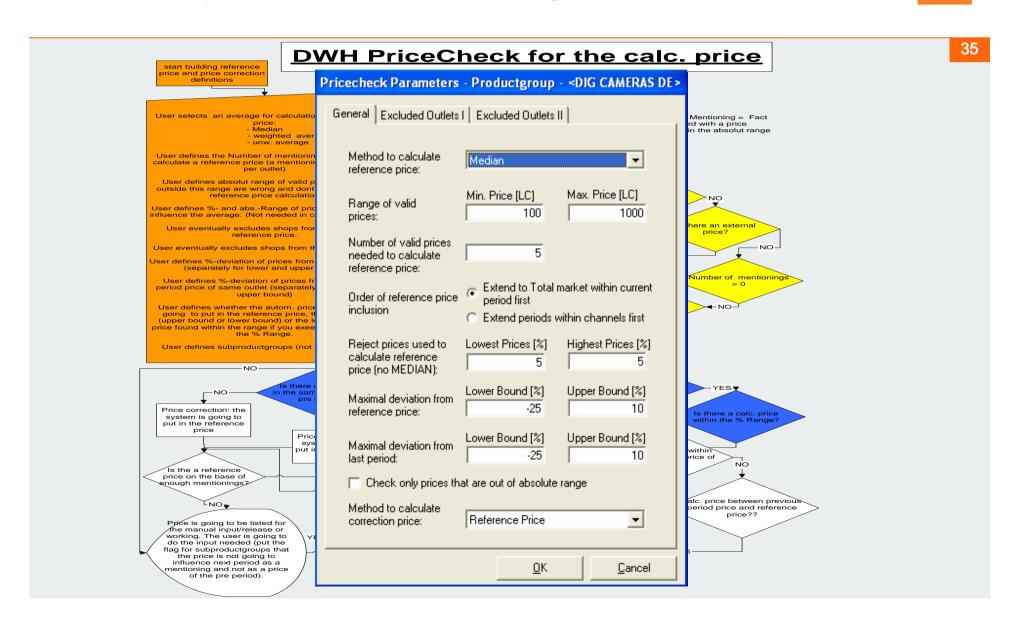
#### StarTrack Workflow Take-over of Product-**DWH Admin** • ProductGroups (incl. Features) and **DWH** master • Channels (incl. Features) from the **MDM** into **DWH** Shopmaster **DWH Builder** Set-up of **Definition of DataOrders** • Base Projects and sending them to IDAS Reporting Projects • Production Projects IOP Extrapolations Status Info Pool **DWH Fact Tool** Get DataOrder related data on a **Extrapolation relevant** Shop-ProductGroupcompensations **DeliveryPeriod level** IDAS LoadDefinition Saving compensations as LoadDefinition and Load to IDAS IDAS Reporting and Output **DWH Explorer DWH Loader Tools Export:** Pool (IOP) •Inmarkt Express DWH Model Express Loading QC Table QuickView Table •Cobras Excel QC Loading tracking **Execution of** data into compensations **Corrections and** LoadingTable and loading release to DWH into QC project

#### Automated price check & correction algorithm

**GfK Group** 



July 1st, 2005



#### Fact manipulation settings



36

July 1st, 2005

DWHExplorer - Fact Manipulation Form Purchase Units Stock New Units Stock Old Units Sales Units Recalculate Stock Old Units Recalculate Stock Old Units Recalculate Stock Recalculate Sales Old Units Units Recalculate
Purchase Units Recalculate Sales Recalculate Sales Recalculate Units Purchase Units Units - Recalculate Stock Recalculate Stock Recalculate Stock Recalculate New Units New Units New Units Purchase Units Update Values Action Negative Value Handling Generate integer values C Allow Recalc current Sheet ▼ Exclude Outlets C Erase current Sheet C Abort Best Effort C nothing Default OK Cancel

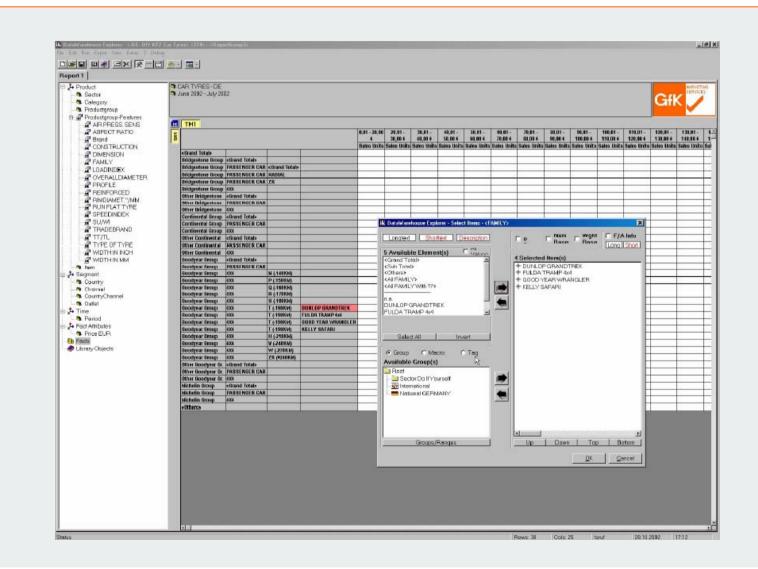


# Data Refinement in Reporting

**GfK Group** 

July 1st, 2005

#### DWH Explorer – Definition View



StarTrack Quality Control



#### DWH Explorer – Execution View

