

An illustration of a workshop presentation. In the background, there are several white panels displaying various data visualizations: a grid with an 'X' mark, a table with a grid, a pie chart, a bar chart, and a person's silhouette. In the foreground, a woman in a red dress stands pointing at a pie chart on a panel, while a man in a white shirt and dark pants stands to her right holding a briefcase. The entire scene is overlaid on a pink background with a semi-transparent pink banner containing the title text.

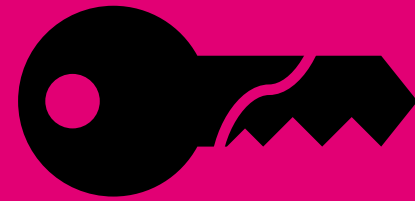
**ULD - ENISA WORKSHOP: PSEUDONYMISATION AND  
RELEVANT SECURITY TECHNOLOGIES:  
APPLICATION SCENARIOS OF DEUTSCHE TELEKOM**



**LIFE IS FOR SHARING.**



# anonymization



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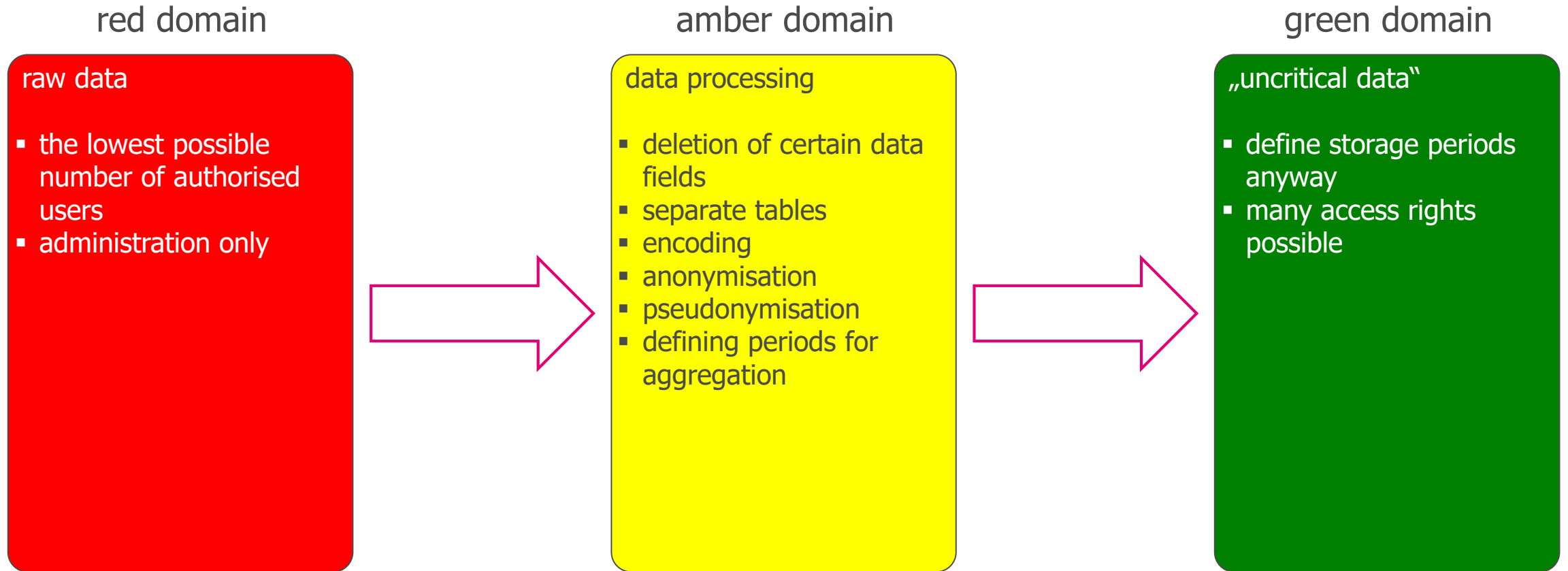
# pseudonymization



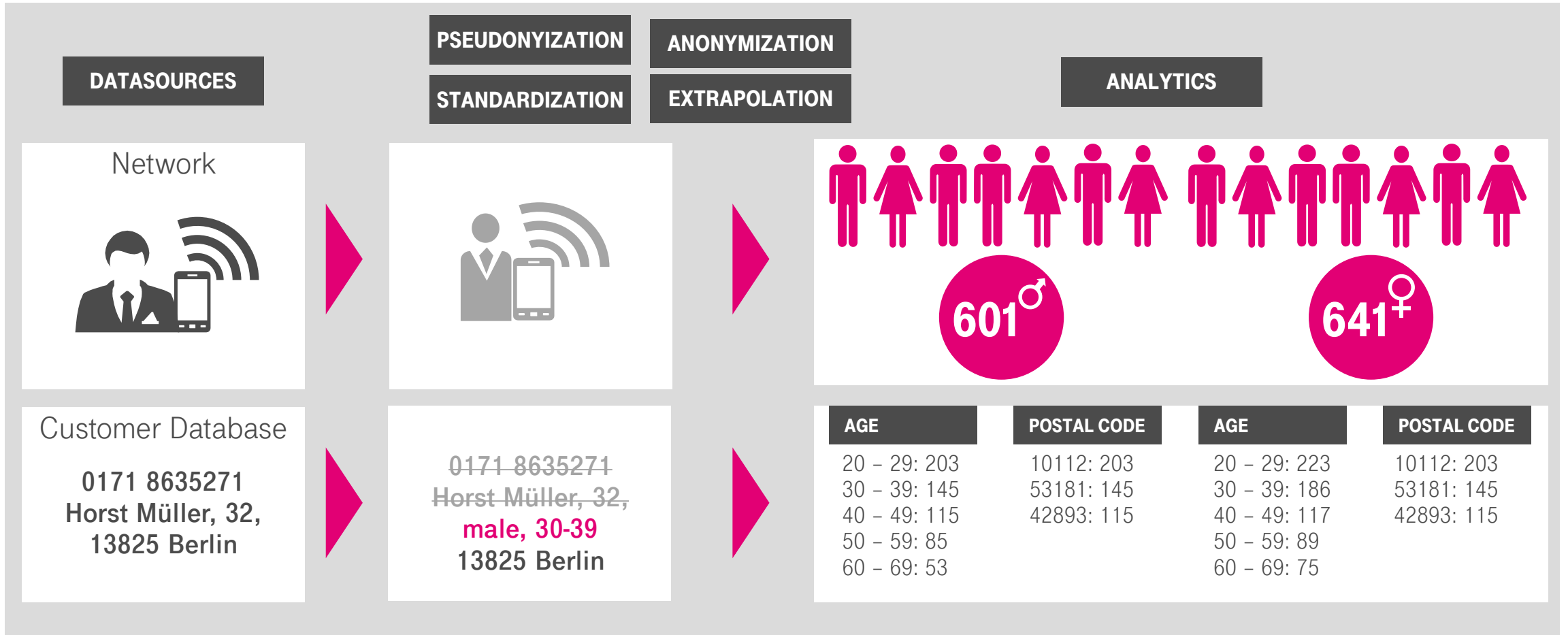
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# EXAMPLES FOR THE USE OF PSEUDONYMIZATION AND ANONYMIZATION

# 3 DOMAIN MODEL FOR THE DESIGN OF PROCESSING SCENARIOS

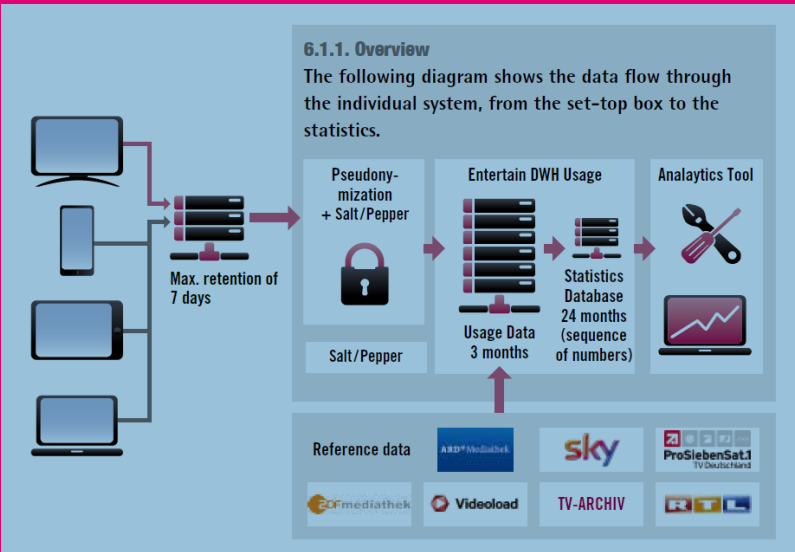


# FOR INSTANCE: MOTIONLOGIC ANONYMIZATION PROCESS



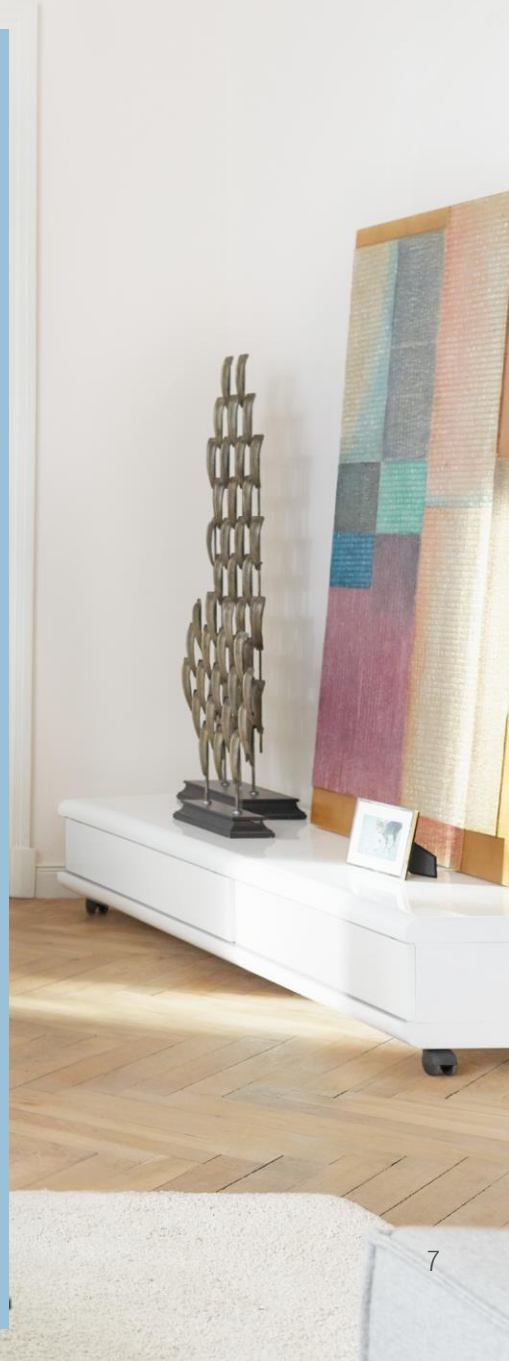
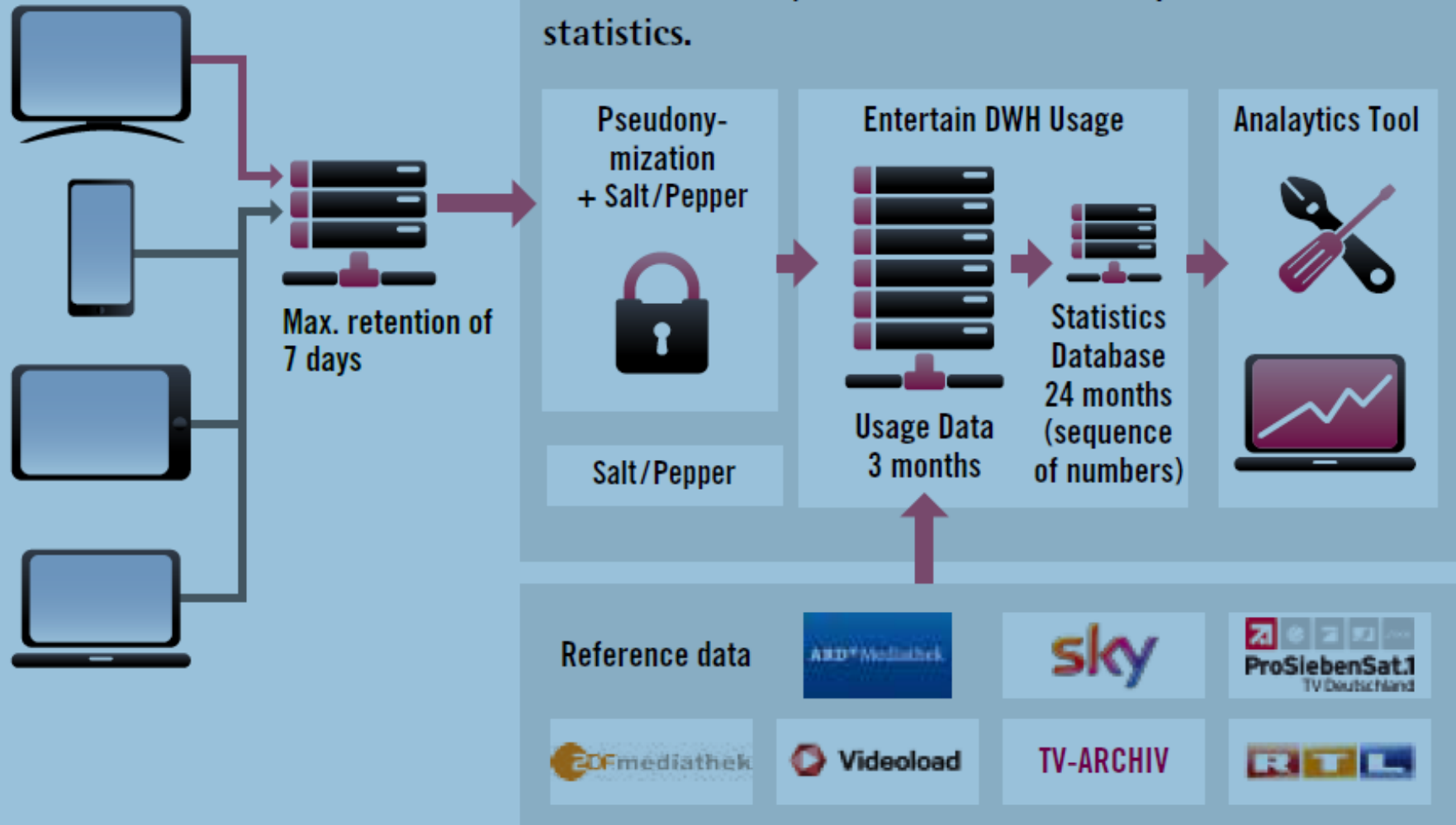
# Magenta TV

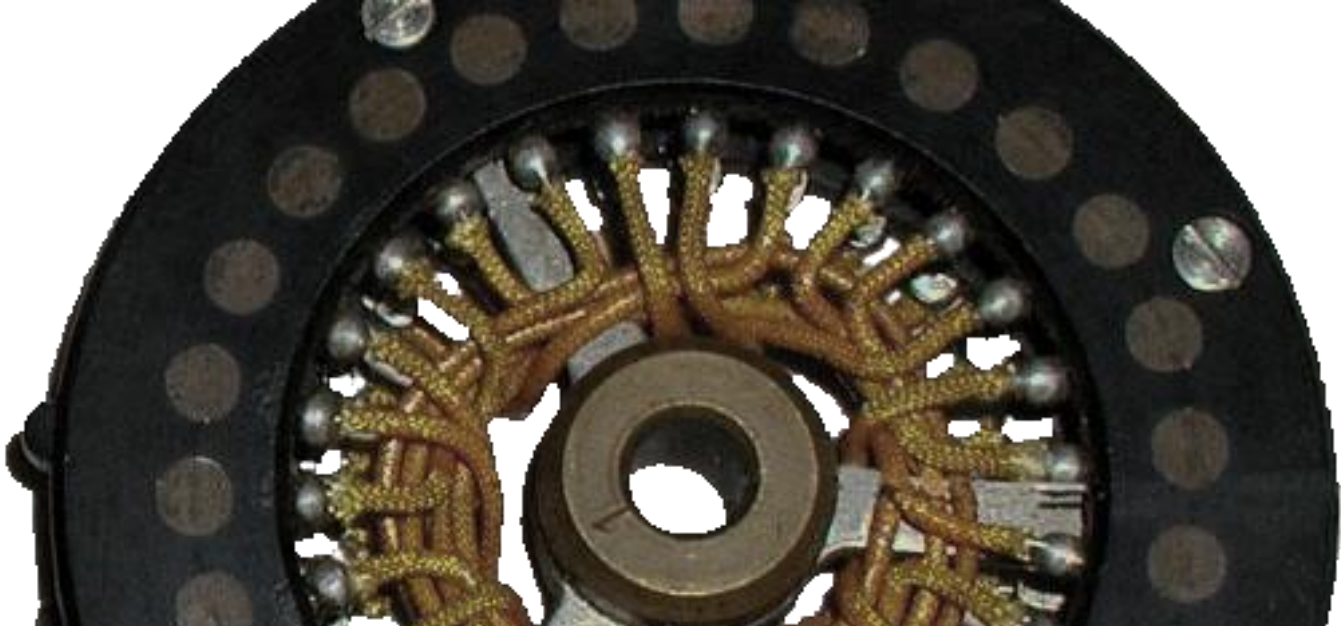
Provides customers with a set-top box for using the product. Statistics on viewers` habits are maintained for various purposes, including obligations vis-a-vis broadcasters.



### 6.1.1. Overview

The following diagram shows the data flow through the individual system, from the set-top box to the statistics.





# THE ENKRODER

## Pseudonymization and Anonymization of Personal Data

Jens Kroder





# Enkroder

John Miller

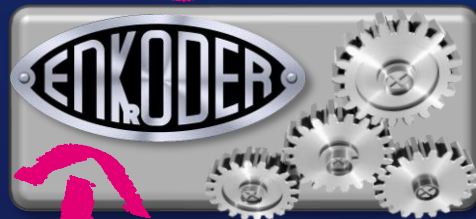
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هَجْنَهَبَّ

The **Enkroder** is a Telekom internally developed software allowing to pseudonymize resp. anonymize data.

The tool allows to maintain and control the alphabets as well as the data length simultaneously. Hence database and interface restrictions according to simple syntaxes can be preserved within the altered data (phone numbers, IP-addresses, structured IDs, etc.).

# SUMMARY

## PSEUDONYMIZATION:

- ... is a way to secure and enable data privacy
- ... is considered in the current & upcoming regulation
- ... can be legally implemented through the work of the initiative “focus group data protection” by a code of conduct.
- ... is not only algorithms, don't miss context and organizational aspects



# CONTACT



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