

# **UNDERSTANDING AND BEING UNDERSTOOD ARE THE PREREQUISITES FOR EVERY EXCHANGE OF INFORMATION.**



**CentraXX MDR - It's just like real life: Sometimes two people say the same thing but mean something different, and sometimes they mean the same thing but say it differently. If more parties join the**

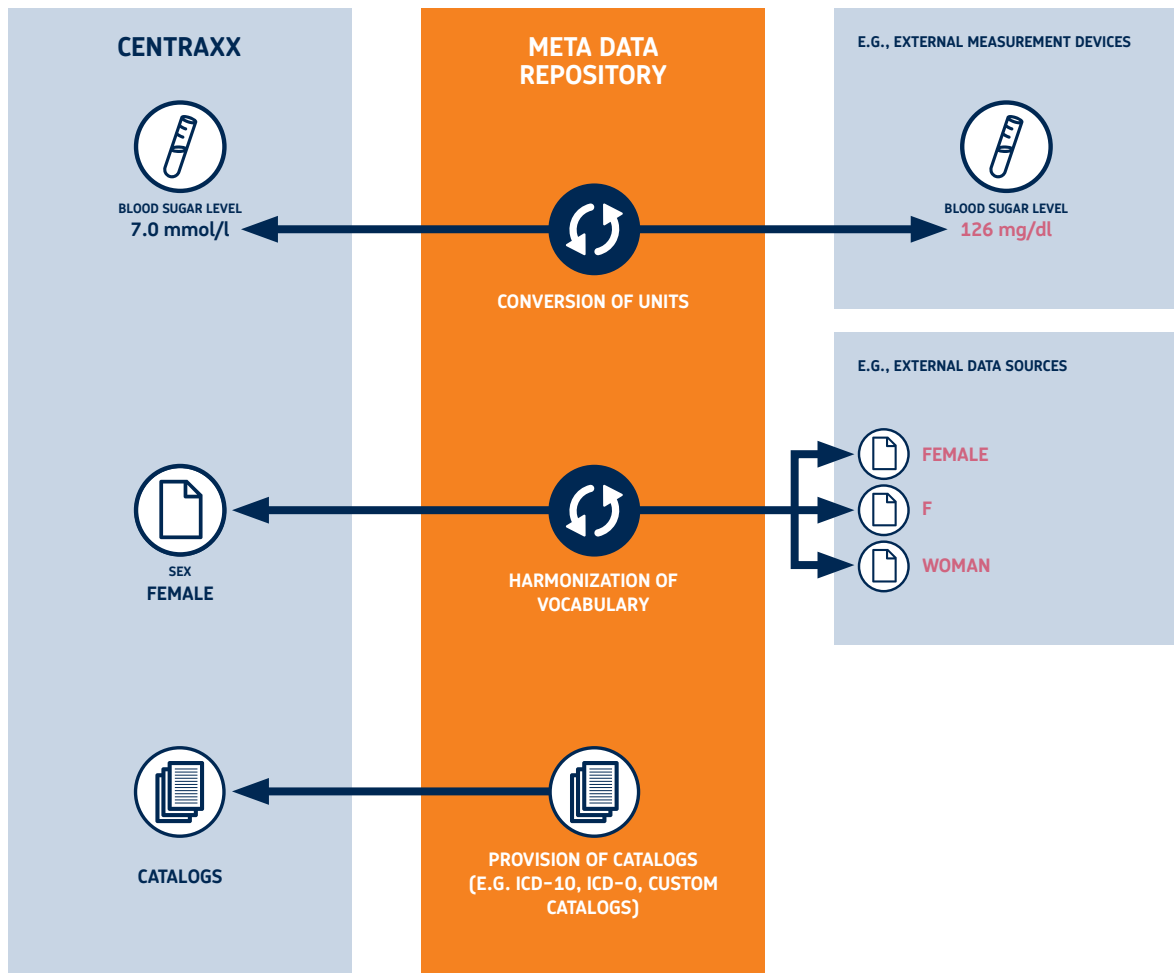
**exchange using new modes of communication, the entire interchange will get more complicated to the point of creating so many misunderstandings that the communication eventually breaks down.**

A similar thing happens when two or more IT systems are combined that use different vocabularies for the same information or use different units of measurement for the same measurement values. In a closed CentraXX system, the Meta Data Repository structures the data. It combines as many data points as possible from different systems in a central system, which can be accessed by all individual system operators. The quantity of linked information and comparability algorithms subsequently improve results. In the interest of effective personalized medicine, it is essential to collect all patient data from a wide variety of systems automatically and map them together to present a larger context.

The data must, of course, comply with the relevant data protection regulations to be compared with patient data from other systems.

Using the CentraXX MDR promotes the interoperability of all platforms connected in an IT system (e.g. Treatment platform and Research platform) via a common vocabulary (Meta Data Dictionary) and a common interpretation (Meta Data Definitions). This results in an increase in the effectiveness of the entire system in the planning and creation of databases and documentation processes. The CentraXX Meta Data Repository maps the master data of all system platforms via a MetaDAT Converter to harmonize and broker the existing metadata. This enables faster, simpler, and more transparent handling of data.

In CentraXX MDR, catalogs of any kind can be stored and made available to all connected systems. These can be standard catalogs (e.g. ICD-10, ICD-O, OPS, ...), as well as individual in-house catalogs or those from third-party providers.

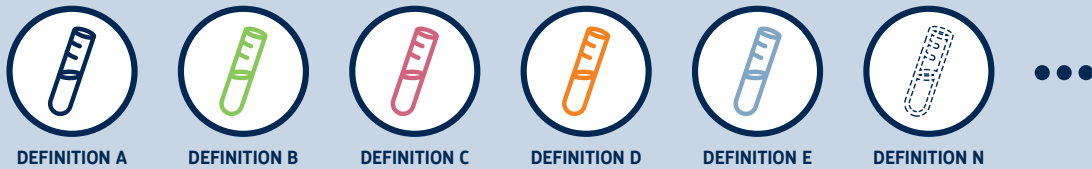


# STRUCTURING CONTENTS IN MDR

Data points in the MDR are defined with a unique identifier as well as a definition and description of an "item." All items defined in this way together form the Item Pool. These items can be reused at will and do not have to be redefined for each use. Together

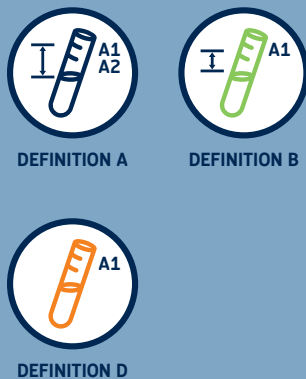
with independent attributes and reference ranges, these are transferred to an individual item set in the desired structure.

## DEFINITIONS

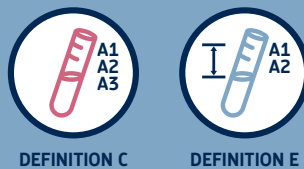


## ITEM SETS

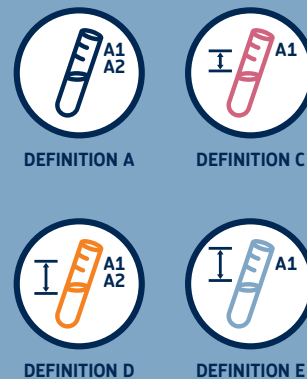
### ITEM SET 1



### ITEM SET 2



### ITEM SET 3



# AN OVERVIEW OF THE MOST IMPORTANT CHARACTERISTICS AND FUNCTIONS

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- > Keep unique data point definitions available
- > Use of data structures (i.e. forms, findings, analyses)
- > Enrichment of data point descriptions via attributes
- > Mapping of individual vocabulary to global URLs
- > Provision of catalogs for master data creation
- > Maintaining and managing reference ranges
- > Support in applying for new data fields
- > Import/export of metadata
- > Versioning of data points and data structures
- > Editable and version control of the entered data points
- > Search for data points
- > Export/import options as well as the provision of synchronization interfaces for connected systems
- > Multilingual capabilities
- > Audit logging
- > Comment configurable

Would you like to find out more about the CentraXX MDR? Or are you already a CentraXX user and would like to integrate this module into your existing CentraXX architecture?

Then please contact KAIROS >[info@kairos.us](mailto:info@kairos.us)

NOW IS THE TIME.

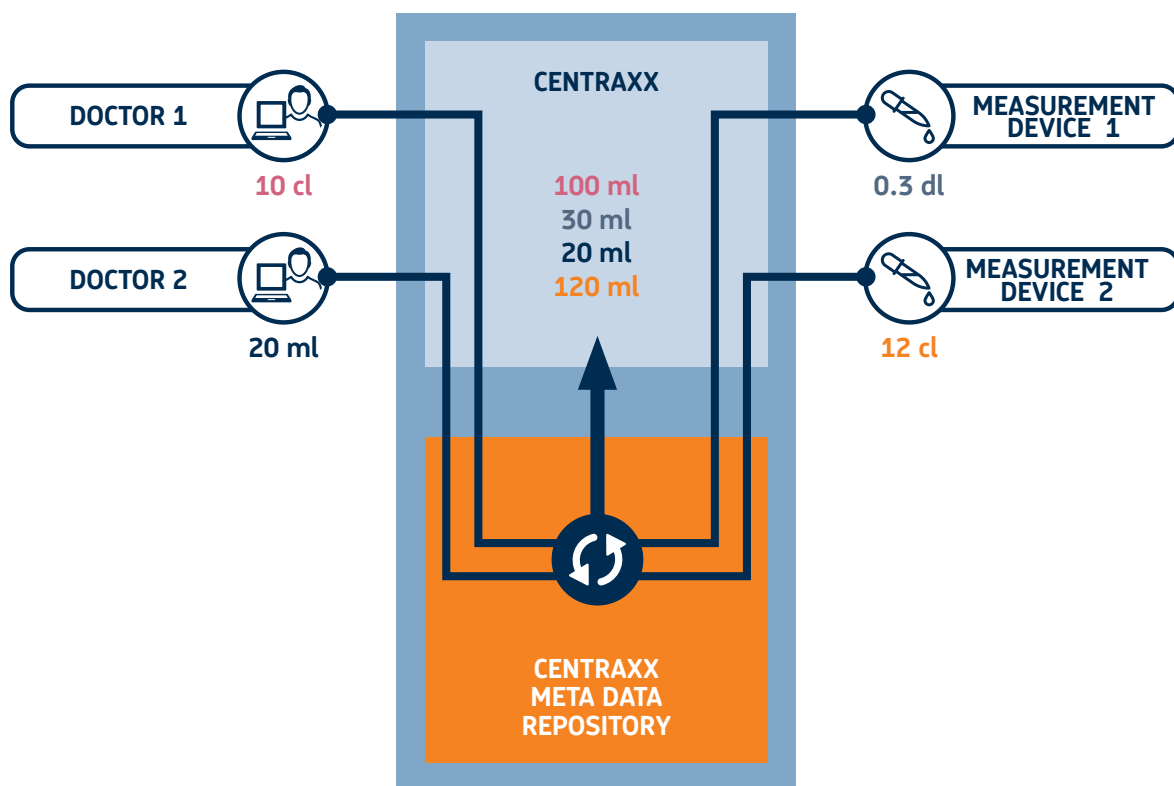
> [kairos.us](https://kairos.us)

## CAST STUDY FOR USE CASE OF THE CENTRAXX® MDR

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### ONE LOCATION, ONE CENTRAXX INSTANCE

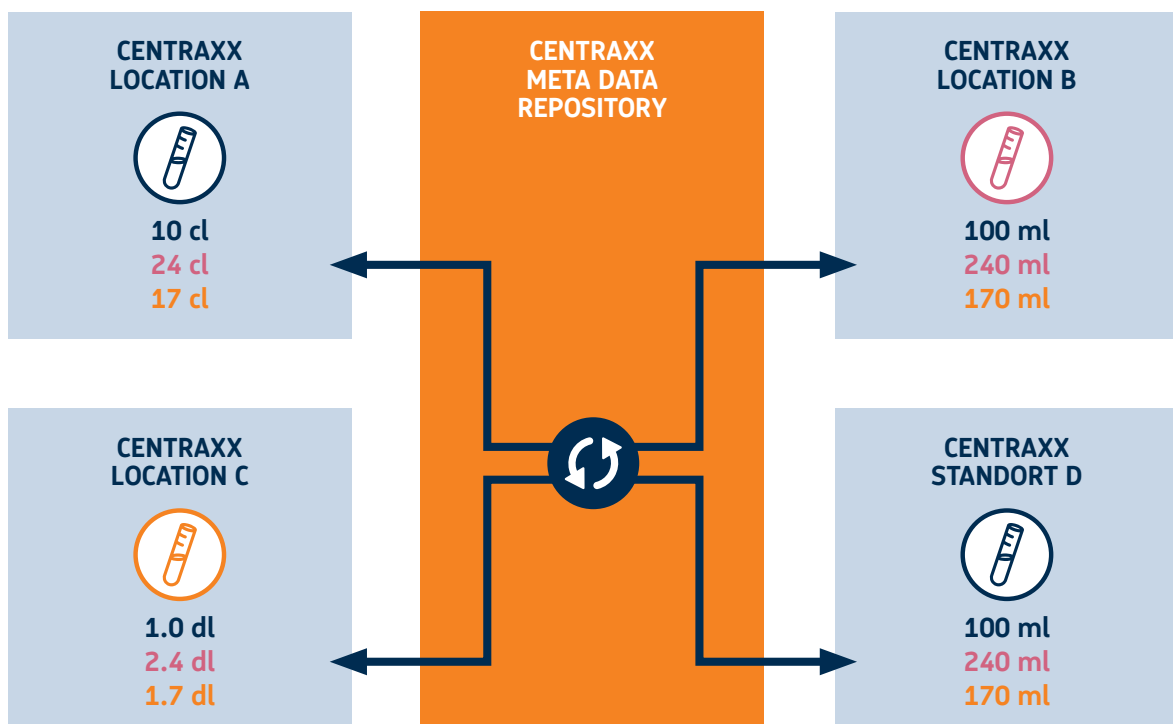
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## ONE LOCATION, TWO CentraXX Instances (i.e. Research and Supply)



## n Locations (multicentric), n CentraXX Instances



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