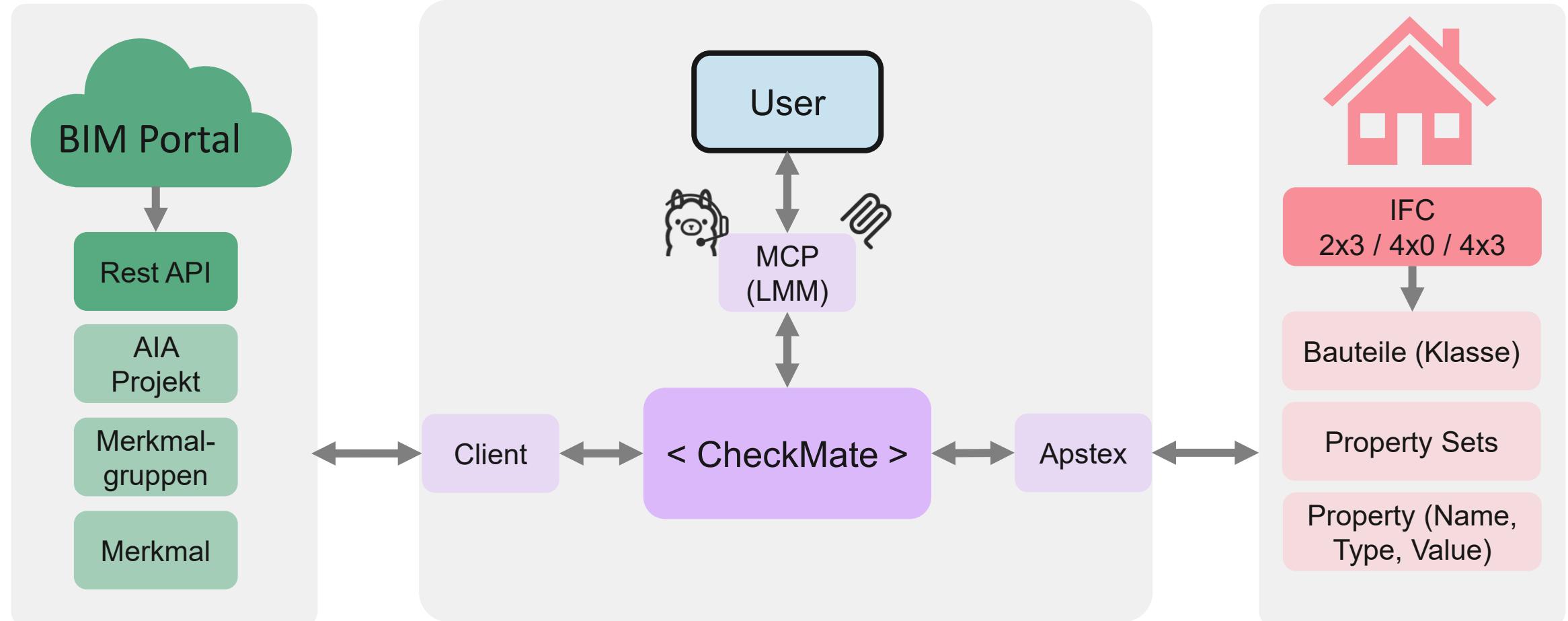




CheckMate

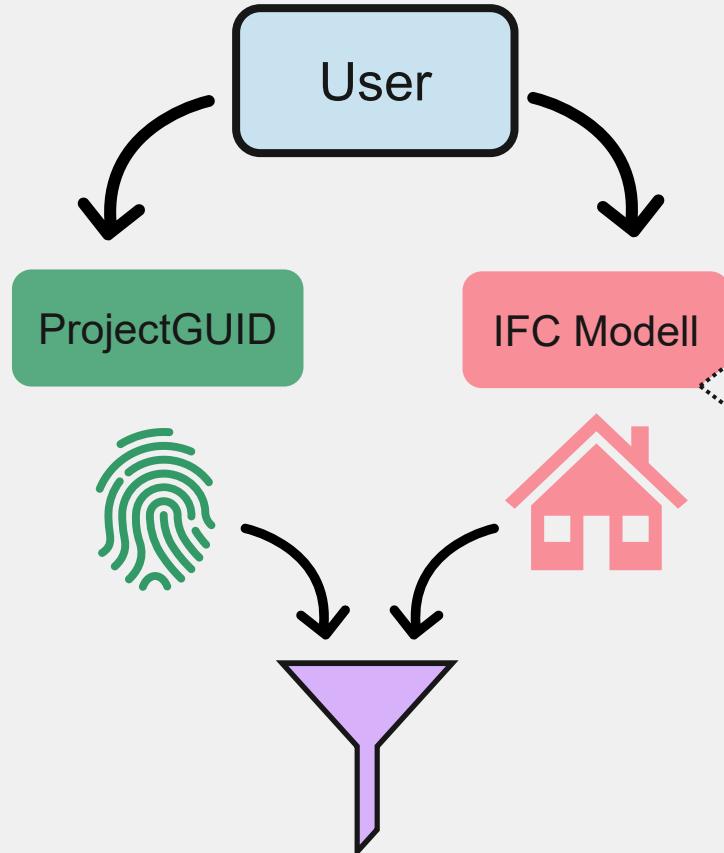
BIM-PORTAL

Brainstorming Concept Phase



Nutzung von CheckMate

1. Anfrage



Nutzung von CheckMate

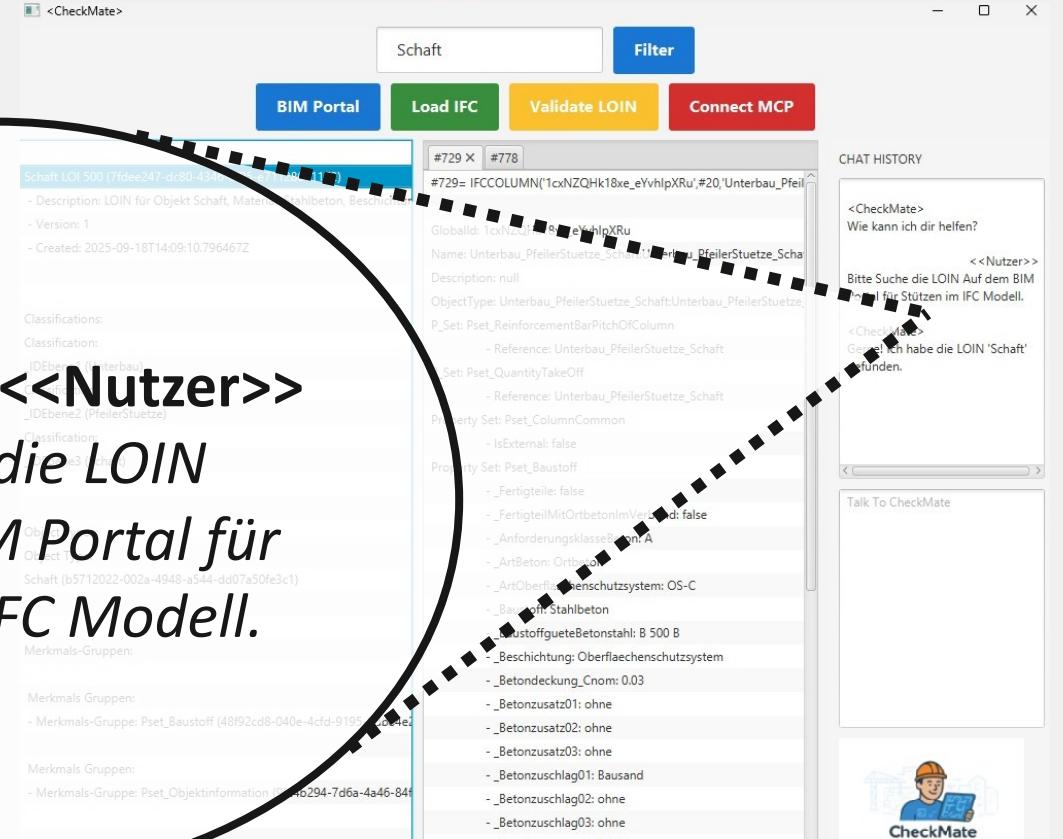
1. Anfrage



2. Auswertung

<<Nutzer>>
*Bitte Suche die LOIN
auf dem BIM Portal für
Stützen im IFC Modell.*

3. Rückgabe



The screenshot shows the CheckMate software interface. At the top, there is a search bar with the text "Schaft" and a "Filter" button. Below the search bar are four buttons: "BIM Portal" (blue), "Load IFC" (green), "Validate LOIN" (yellow), and "Connect MCP" (red). To the right of these buttons is a "CHAT HISTORY" window. The main area displays a detailed technical description of a column component (Schaft LOIN 500) with various properties listed. A large black circle highlights the text "Bitte Suche die LOIN auf dem BIM Portal für Stützen im IFC Modell." in the center of the slide. A dashed arrow points from the text in the circle to the "BIM Portal" button in the software interface.

Nutzung von CheckMate

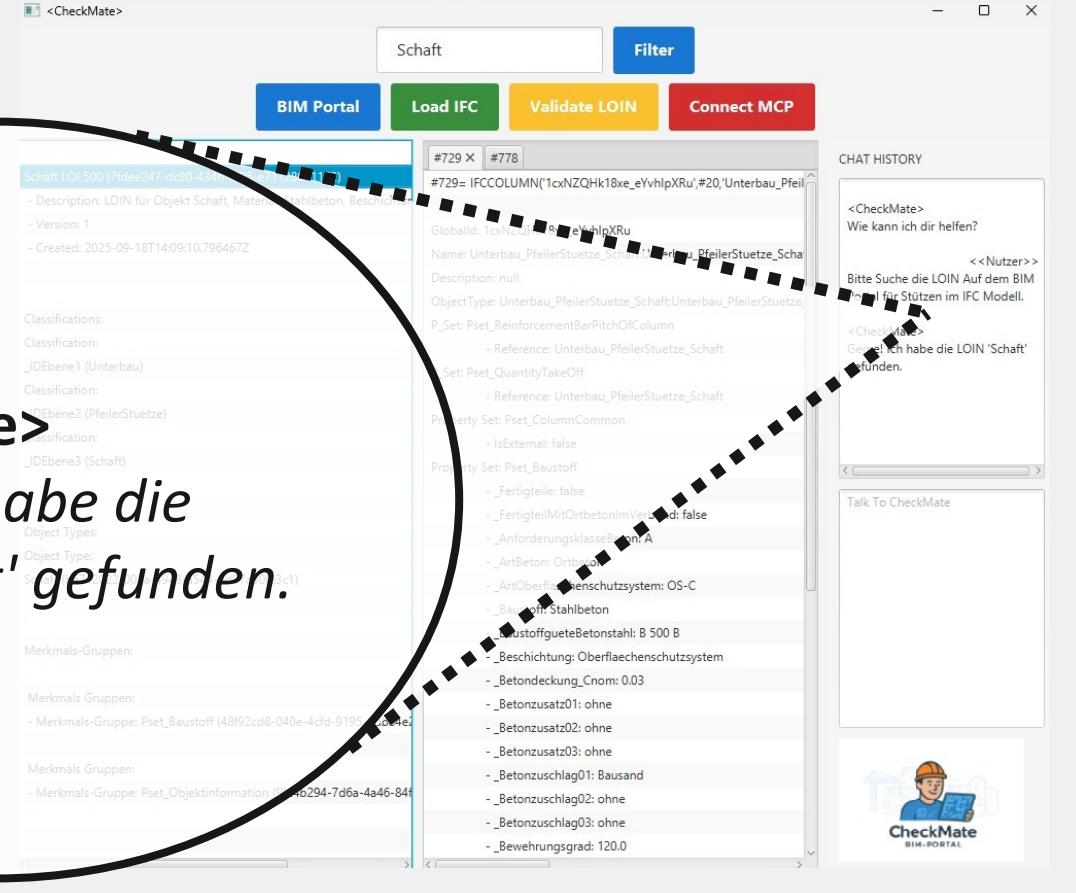
1. Anfrage



2. Auswertung

<CheckMate>
*Gerne! Ich habe die
LOIN 'Schaft' gefunden.*

3. Rückgabe



The screenshot shows the CheckMate software interface. At the top, there are buttons for 'Schaft', 'Filter', 'BIM Portal', 'Load IFC', 'Validate LOIN', and 'Connect MCP'. Below this is a search bar with the text 'Schaft' and a dropdown menu. A 'CHAT HISTORY' window on the right shows a conversation between 'CheckMate' and a user asking for help and about finding a shaft in an IFC model. The main content area displays detailed information about a found LOIN object, including its description, version, creation date, classifications (Level 1, 2, 3), object type, and property sets. It also lists material properties like concrete class, surface protection system, and reinforcement grade.

Nutzung von CheckMate

1. Anfrage

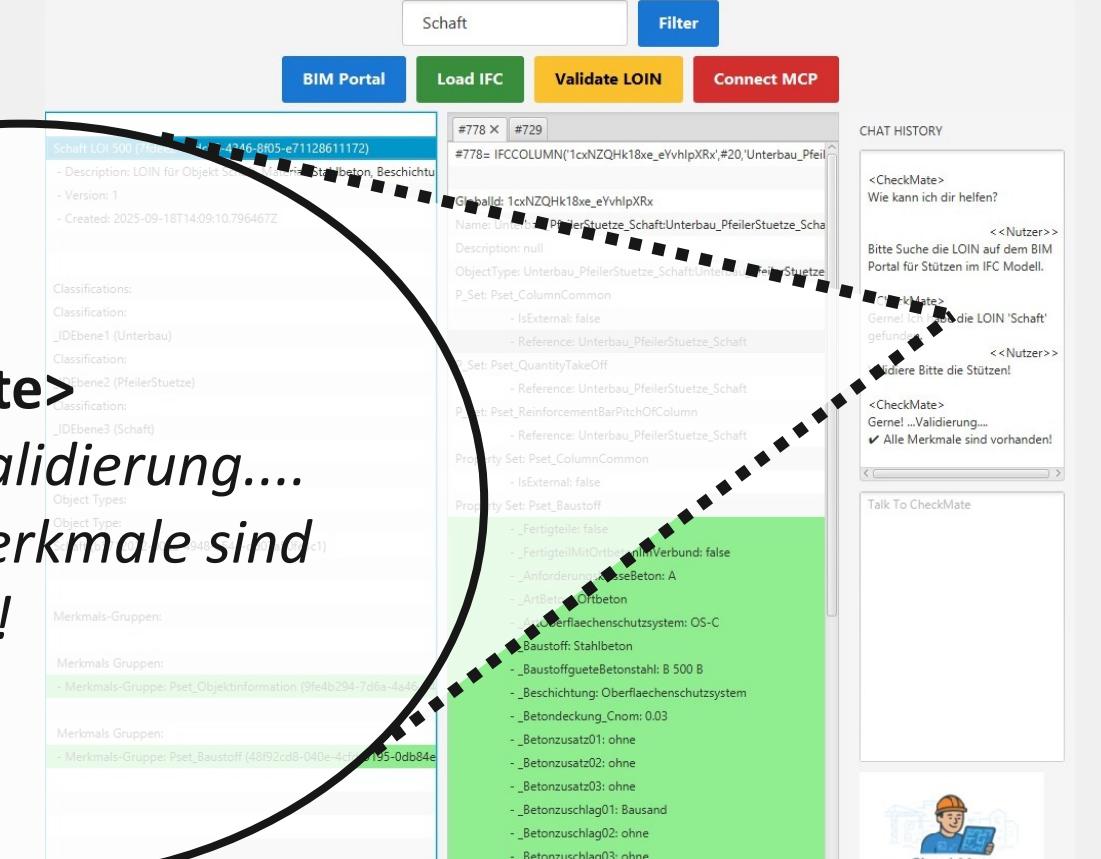


2. Auswertung



3. Rückgabe

<CheckMate>
Gerne! ...Validierung....
✓ Alle Merkmale sind vorhanden!



The screenshot shows the CheckMate software interface. At the top, there are buttons for "Schaft", "Filter", "BIM Portal", "Load IFC", "Validate LOIN", and "Connect MCP". Below these are two tabs: "#778 X" and "#729". The "#778 X" tab displays a detailed view of a column's properties, including its ID, description, version, and creation date. It also lists classifications, object types, and property sets. The "#729" tab shows a similar detailed view for another object. To the right, there is a "CHAT HISTORY" window with a conversation between "CheckMate" and a user. The user asks for help, and CheckMate responds with instructions on how to search for supports in an IFC model. The user then asks for validation, and CheckMate confirms that all features are present. At the bottom right, there is a small icon of a person wearing a hard hat and holding a tablet, with the text "CheckMate" below it.

Nutzung von CheckMate

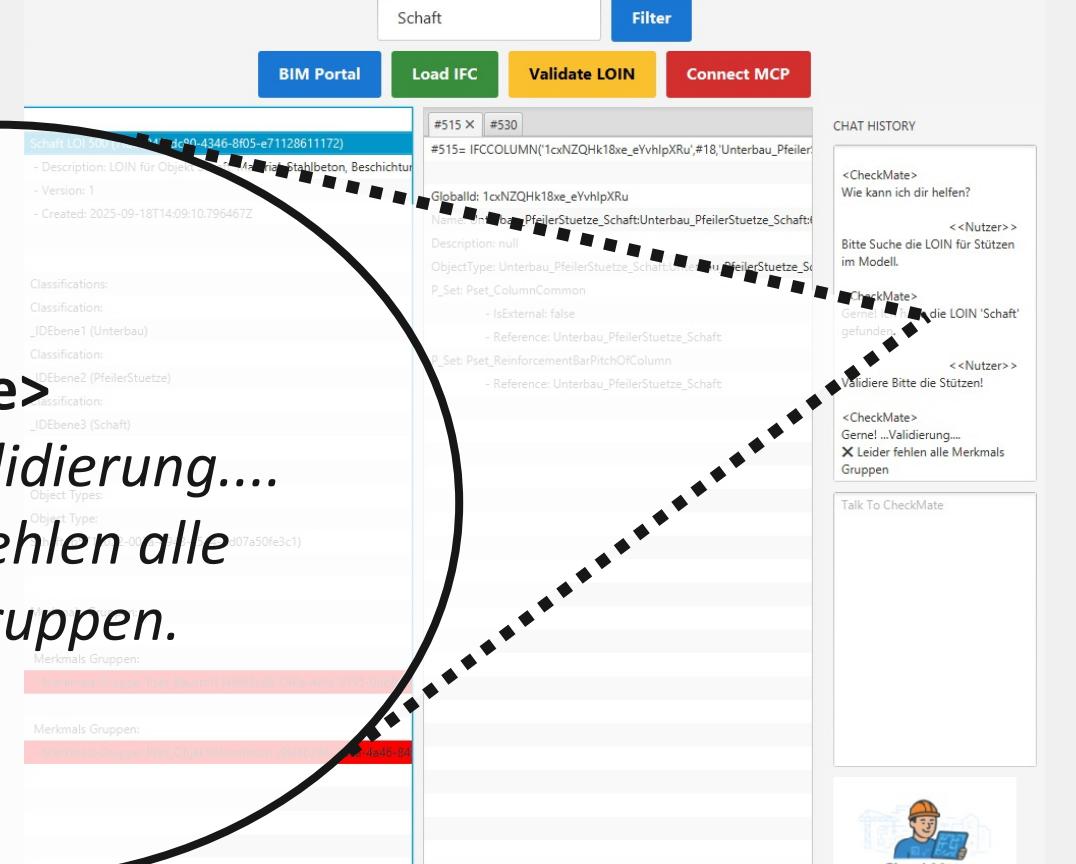
1. Anfrage



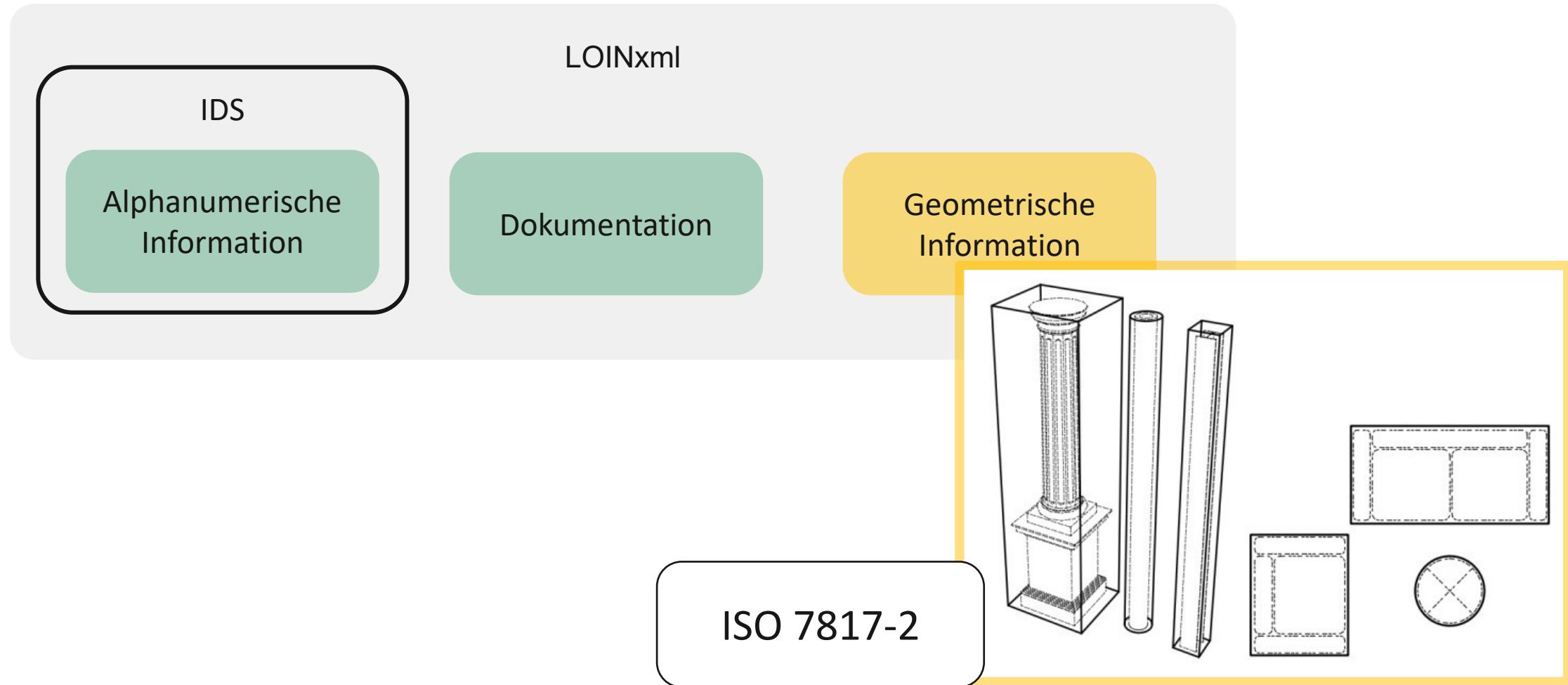
2. Auswertung

<CheckMate>
Gerne! ...Validierung....
X Leider fehlen alle
Merkmalsgruppen.

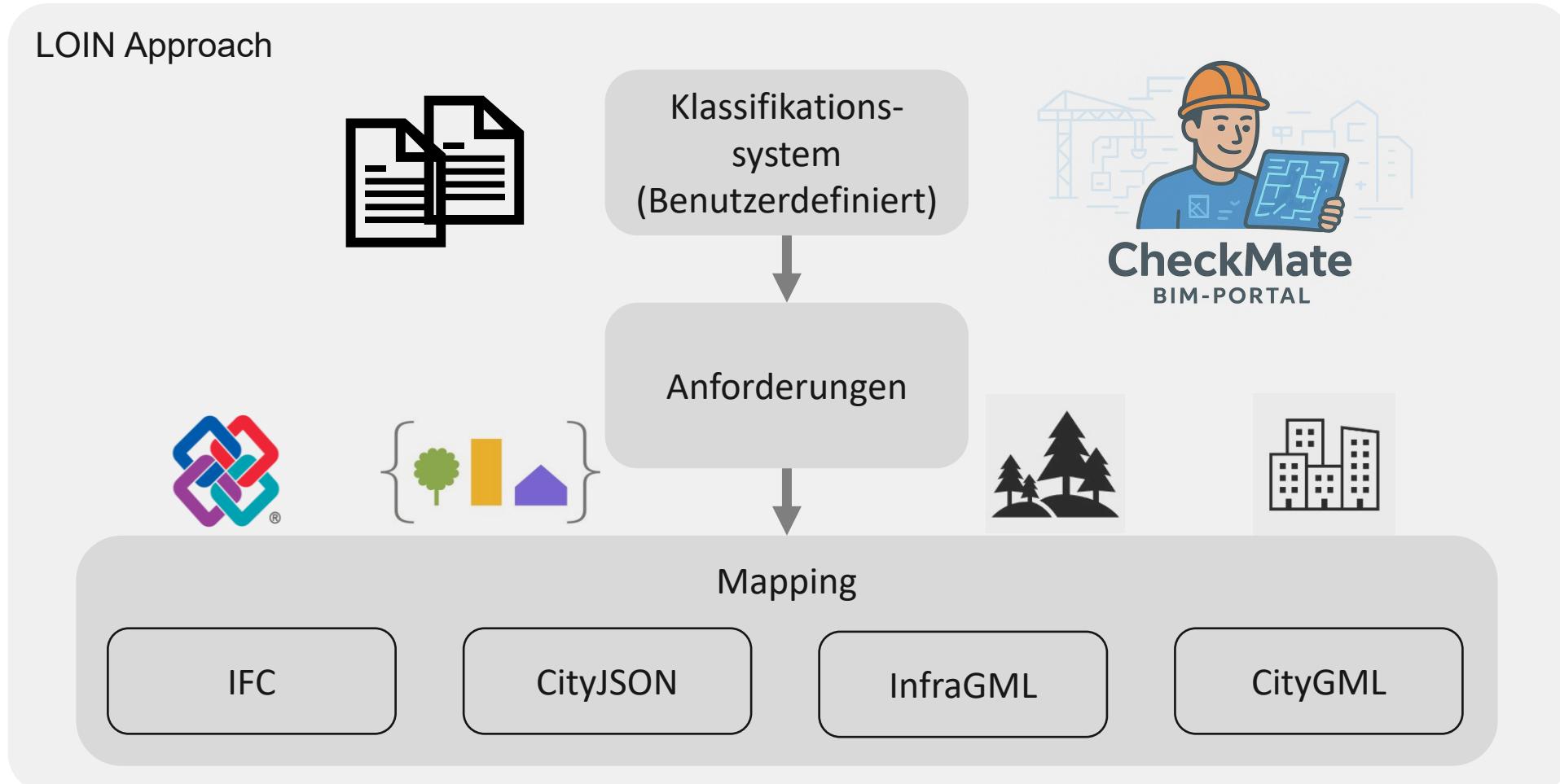
3. Rückgabe



The screenshot shows the CheckMate BIM Portal interface. At the top, there are buttons for "Schaft", "Filter", "BIM Portal", "Load IFC", "Validate LOIN", and "Connect MCP". Below these are two tabs: "#515 X" and "#530". The "#515 X" tab displays a LOIN object for a column shaft, with details like Description: LOIN für Objekt: Unterbau_PfeilerStuetze_Schaft, Material: Stahlbeton, Beschichtung: null, Version: 1, and Created: 2025-09-18T14:09:10.796467Z. It also lists Classifications and Object Types. The "#530" tab shows a similar structure for another shaft object. To the right, a "CHAT HISTORY" panel shows a conversation between "CheckMate" and a user about validating support structures. At the bottom right is a "Talk To CheckMate" input field and a small icon of a person with a hard hat and a tablet labeled "CheckMate".



LOIN Approach





CheckMate

BIM-PORTAL