SECOND
ECLIPSE TRACTUS-X
COMMUNITY DAYS
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STUTTGART

SUPPORTED BY:
SECOND ECLIPSE TRACTUS-X COMMUNITY DAYS

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Demand- and Capacity-Management

DCM is there to achieve the flexible fulfillment of costumer wishes.

How:

- get supplier and costumer on the same page regarding the latest demand and capacities (in the next 24 months) on a base of weekly buckets.
- Detect activated bottlenecks as early as possible.
- Work collaboratively not on data collection but on solving the bottlenecks.
Motivation

How great would it be if we didn’t always have to deal with hectic troubleshooting in the short term?

Isn’t it more pleasant to initiate a capacity measure together at an early stage than to meet in a “call” and argue about “who is to blame” because the situation was recognized too late?

 Aren’t they the real heroes who don’t always pull the chestnuts out of the fire but recognize problems of the future at an early stage?

“How is anyone supposed to keep track here???”

“The demand is changing constantly!”
Demand- and Capacity-Management

![Graph showing demand and capacity management over 8 weeks. The graph indicates different levels of demand and capacity, including demand over actual capacity, demand within actual capacity, demand over actual but within maximum capacity, and agreed capacity.]

Catena-X DCM KIT
**Status Quo**

We have a DCM FOSS – Application with a certain maturity and a need for upgrade. Here’s an overview what is there and what needs to be in. This is our challenge today.

<table>
<thead>
<tr>
<th>Capability / Function</th>
<th>Current Status</th>
<th>Desired Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>DCM Core process</td>
<td>Fully implemented old APIs and aspect models that will break in October 2024</td>
<td>Up to date APIs and aspect Models</td>
</tr>
<tr>
<td>Other capabilities within the standard</td>
<td>Partial implementation of simulated delta-production</td>
<td>Mandatory and recommended capabilities are implemented</td>
</tr>
<tr>
<td>Capabilities beyond the standard</td>
<td>High degree (70%) of implementation</td>
<td>Feature completeness</td>
</tr>
<tr>
<td>Technical stack</td>
<td>EDC Version will break in October 2024</td>
<td>EDC 0.7 integrated</td>
</tr>
<tr>
<td>CI / CD</td>
<td>GitHub Actions failing TRGs not verified Documentation and deployment heavy-handed</td>
<td>Fixed 😊</td>
</tr>
</tbody>
</table>
Let's work together.

tractus-x.com

Tractus X

Developer