



geensys

Global Embedded Electronics & Networked SYstem Solutions

Eclipse Automotive Working Group

Activities and Requirements @ Geensys

② Geensys

- **G**lobal **E**Embedded **E**lectronics & **N**etworked **S**Ystem **S**olutions
- Embedded system engineering and IP
- Embedded system engineering tools
- Consulting services

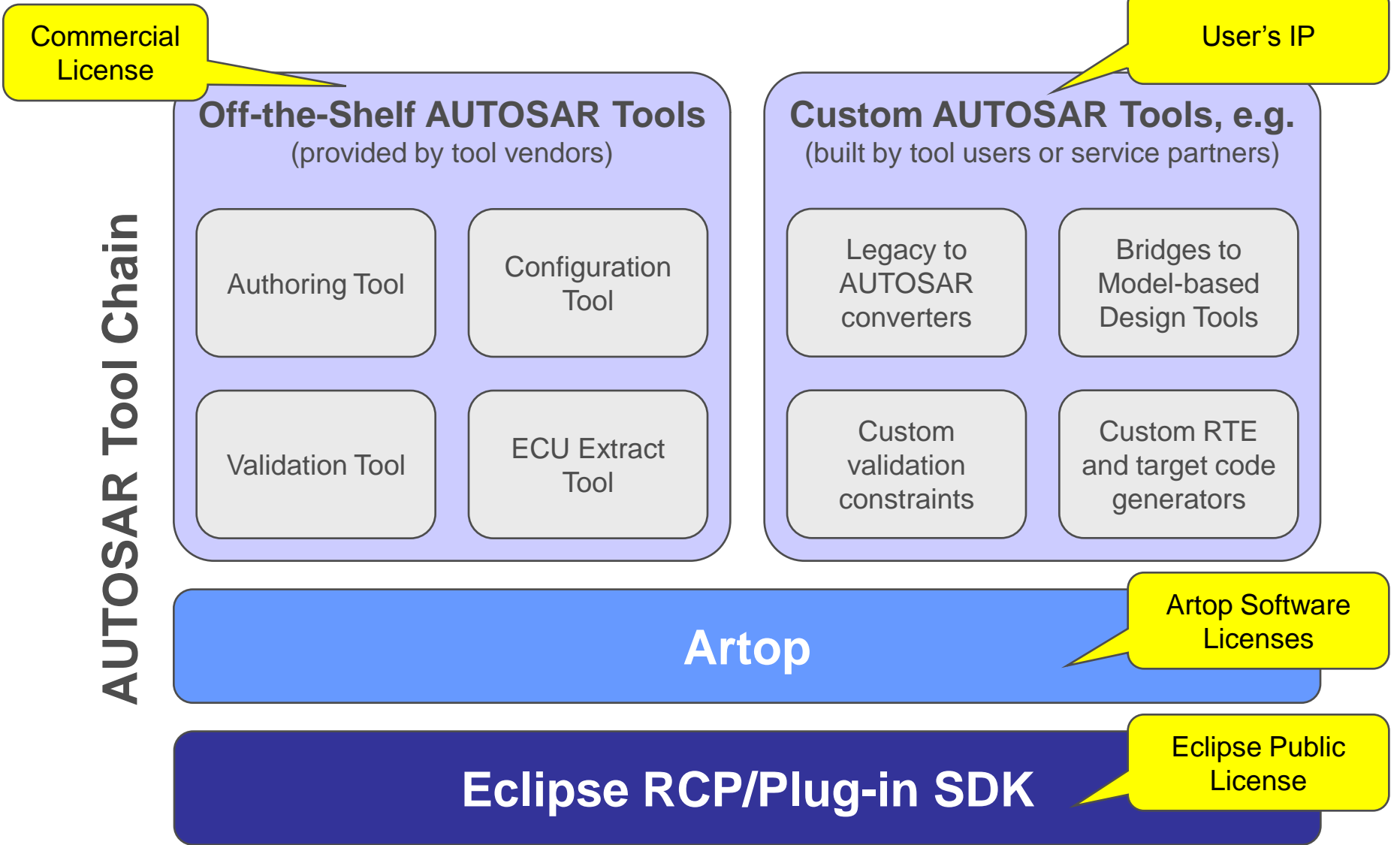
② Gerhard Steininger

- Lead of Geensys' AUTOSAR business

② Dr. Stephan Eberle

- Lead of Geensys' AUTOSAR tool platform development
- Committer on Eclipse EMF project (Teneo component)

- ① **Why are we here?**
- ② Eclipse components required by Artop
- ③ Eclipse components required by EDONA

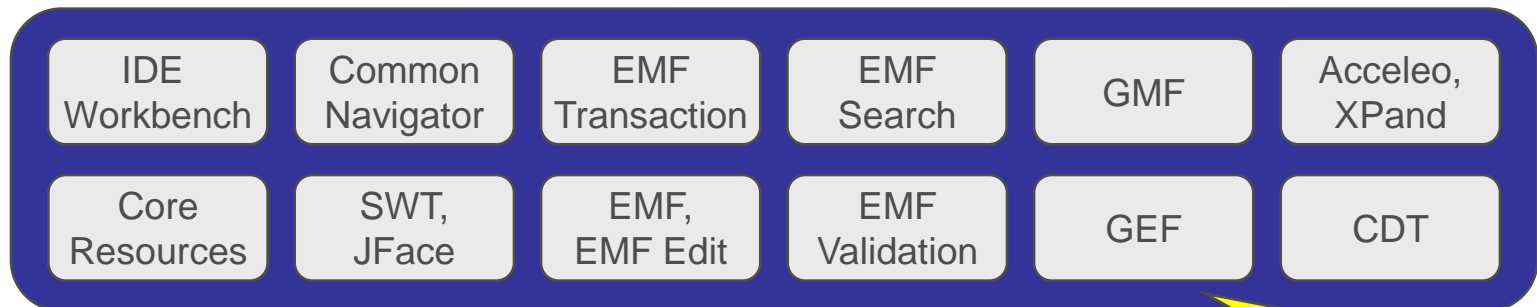


Artop Components

Artop



Eclipse

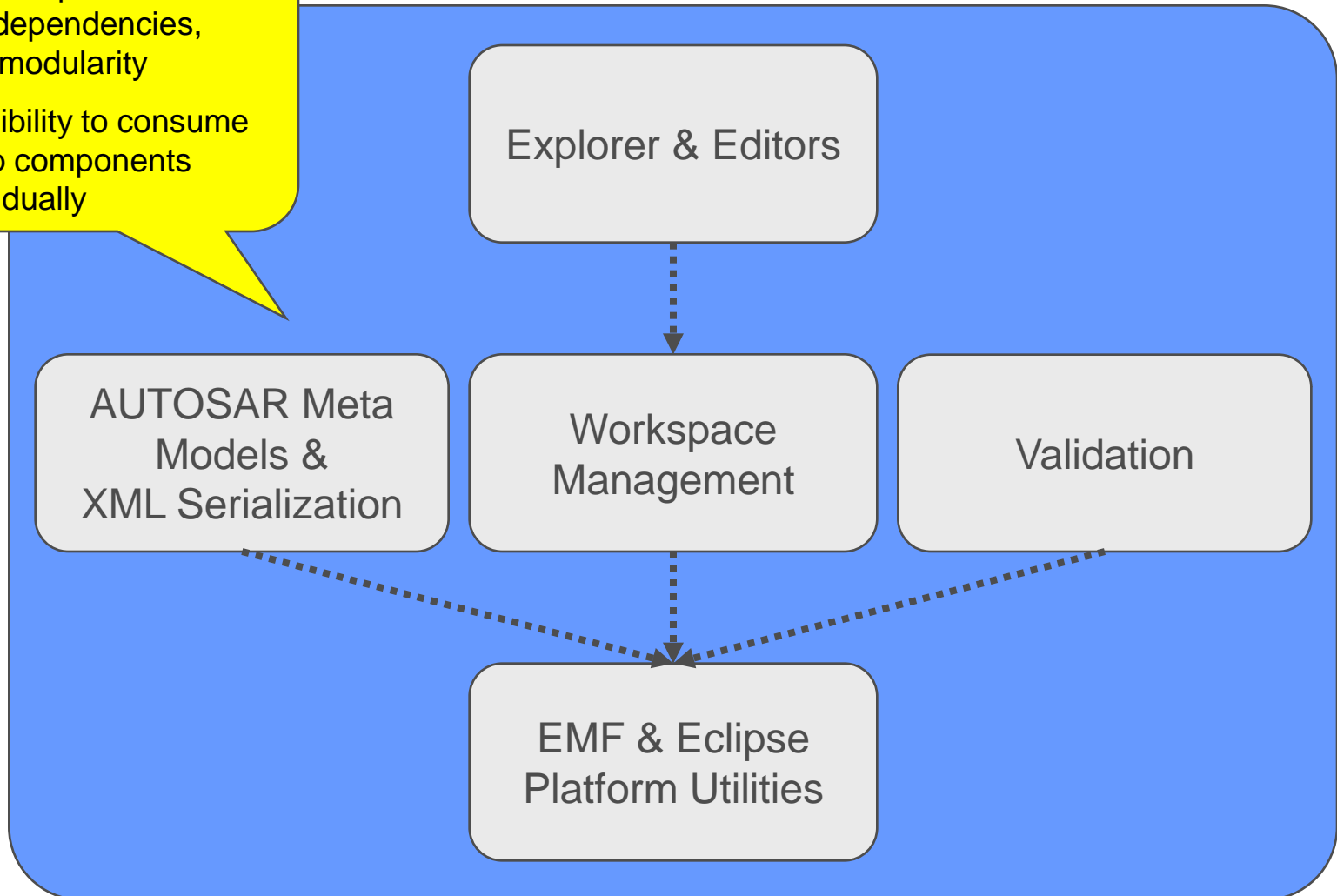


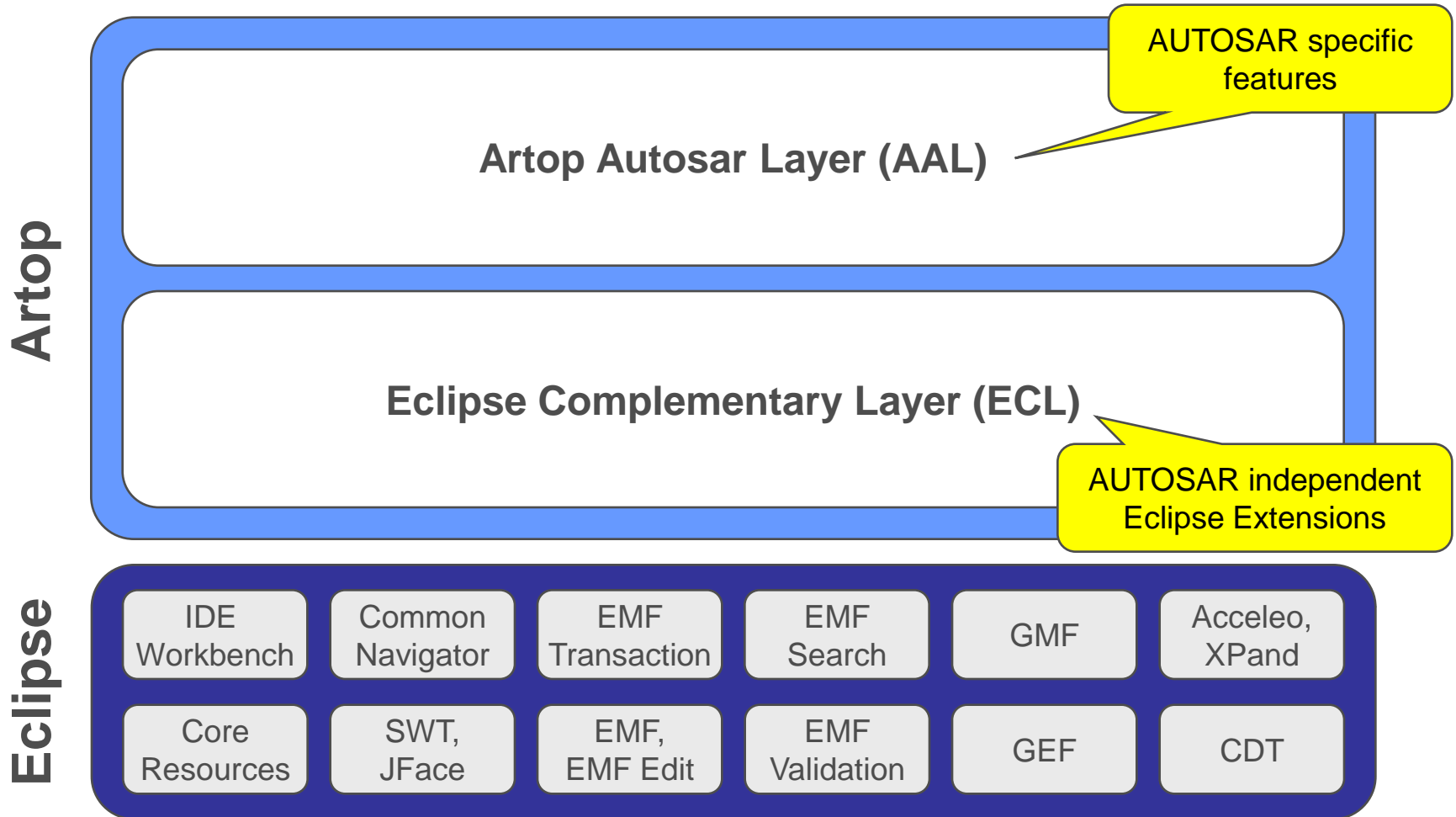
Provided Artop Components

Consumed Eclipse Components

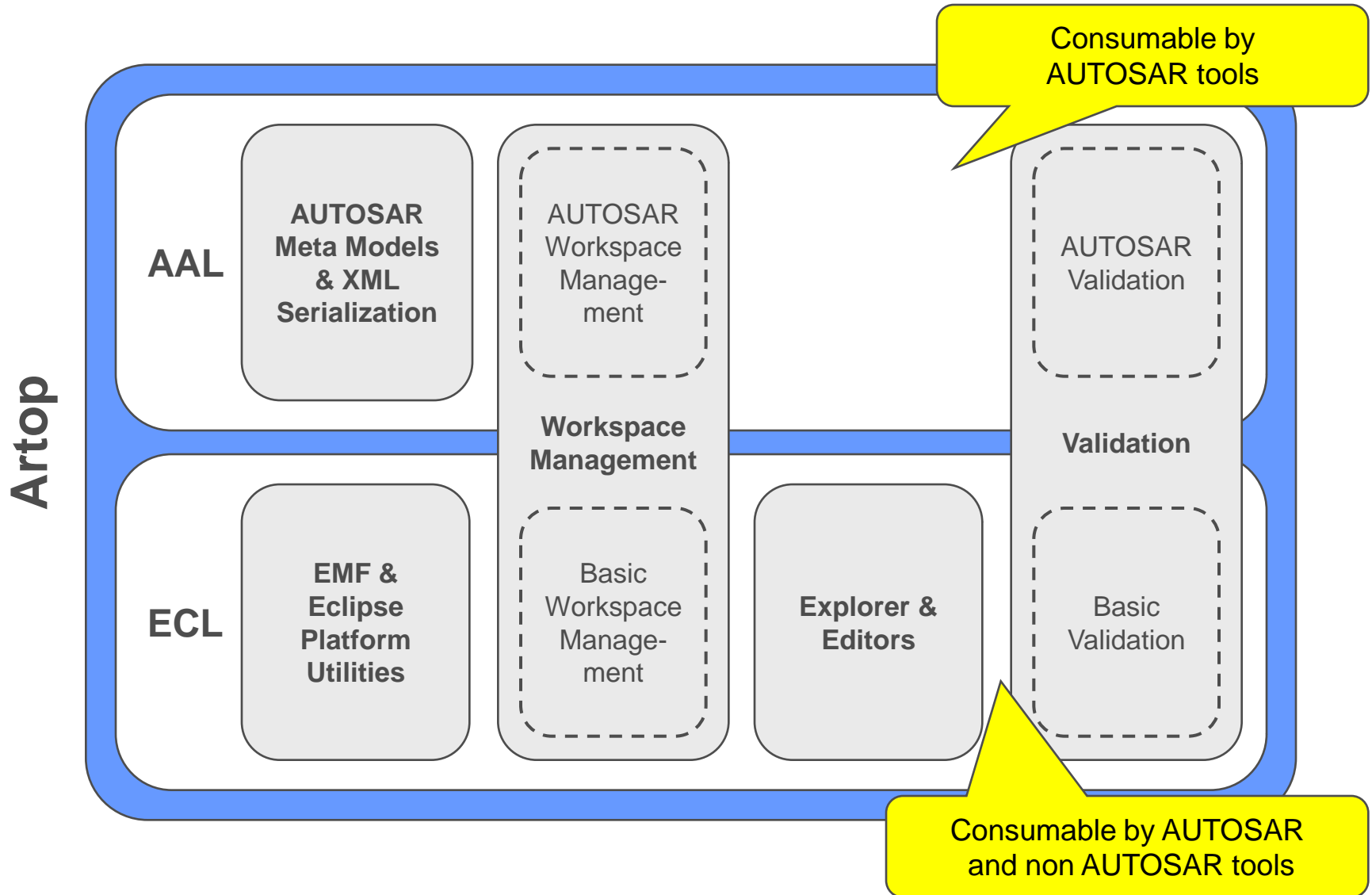
- Low component interdependencies, high modularity
- Possibility to consume Artop components individually

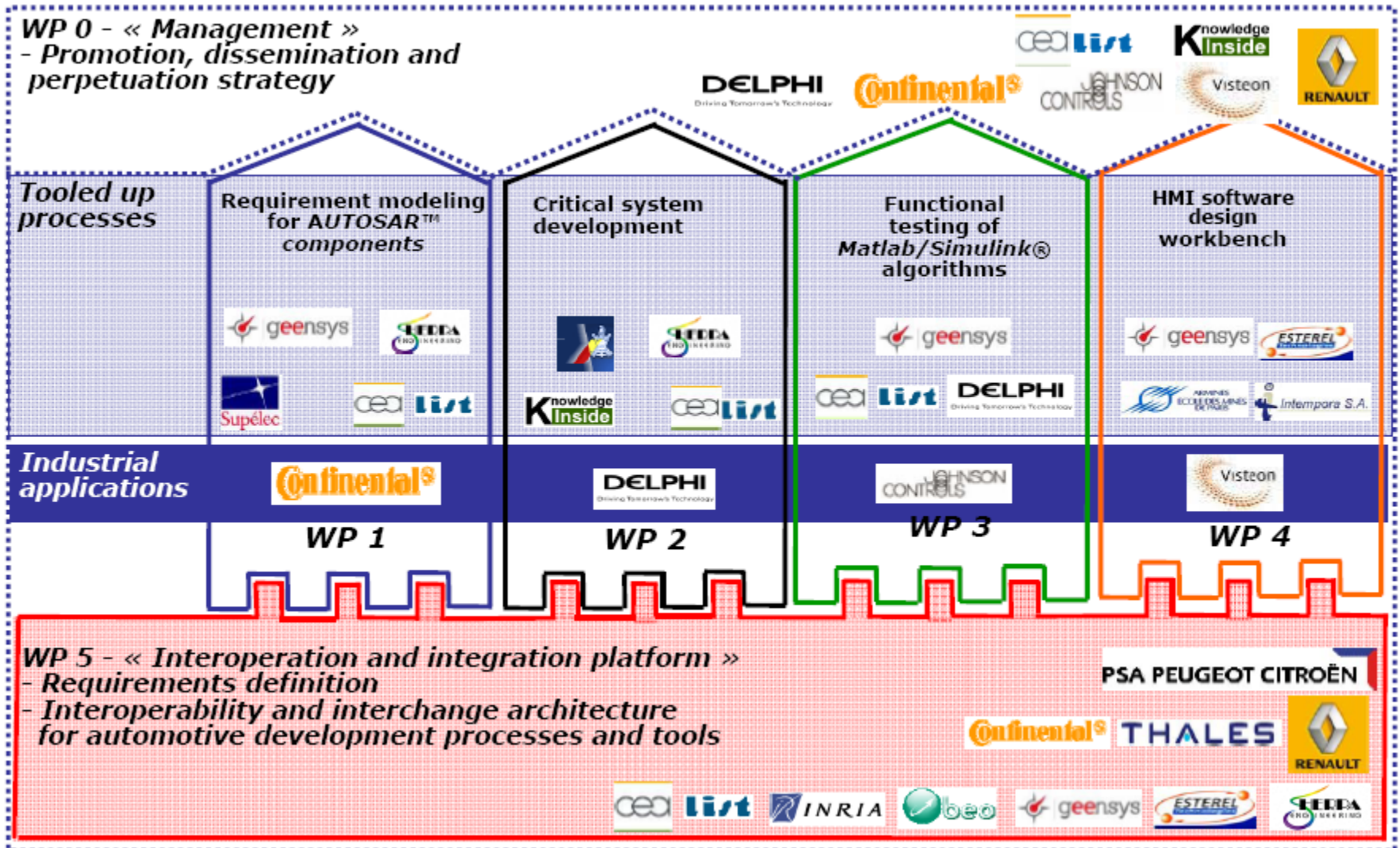
Artop





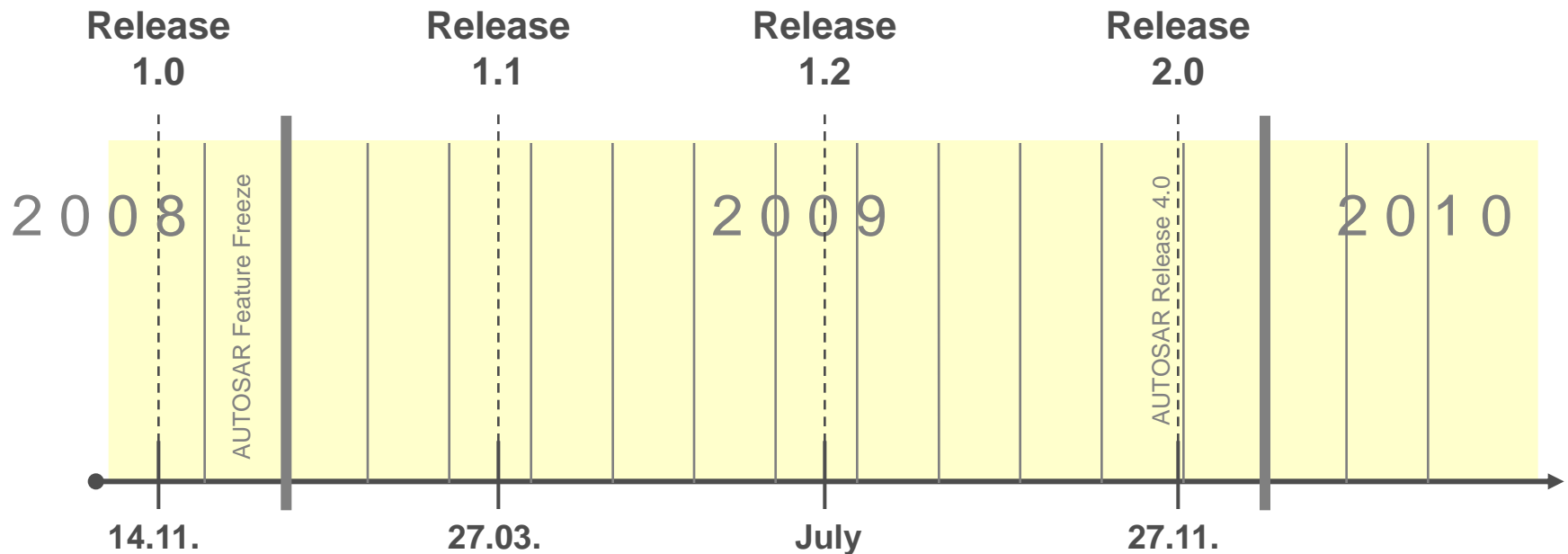
Artop 1.1.0 Components & Layer Allocation





- ① Why are we here?
- ① **Eclipse comonents required by Artop**
- ① Eclipse components required by EDONA

- ④ 4 month release cycles
- ④ High level release planning until end of 2009 has been published along with Artop 1.0
- ④ Detailed iteration plans for next upcoming release is defined at the beginning of each release cycle



② Artop 1.1 Target Platform

- Eclipse SDK 3.4.1 ➔ 3.4.2 (Ganymede)
- EMF Query SDK 1.2.0 ➔ 1.2.1?
- EMF SDO XSD SDK 2.4.1 ➔ 2.4.2
- EMF Transaction SDK 1.2.2 ➔ 1.2.3?
- EMF Validation SDK 1.2.1 ➔ 1.2.2?
- GEF SDK 3.4.1 ➔ 3.4.2?
- GMF SDK 2.1.2 ➔ 2.1.3?
- MDT OCL SDK 1.2.2 ➔ 1.2.2?
- MDT UML2 SDK 2.2.1 ➔ 2.2.1?
- Orbit R20080807152315
 - org.apache.commons.lang 2.3.0
 - org.jdom 1.0.0

- ① Why are we here?
- ① Eclipse components required by Artop
- ① **Eclipse components required by EDONA**

② Current EDONA Target Platform

- Artop Target Platform (see above)
- Artop 1.0.0 ➔ Artop 1.1.0
- Additional Eclipse Components:
 - Acceleo 2.4.0 SDK
 - Antlr 4.1.1
 - M2M ATL SDK 2.0.1
 - M2T MTL SDK 0.7.0RC1
 - Papyrus 1.11.0
 - Papyrus EADL 1.9.7.1
 - Papyrus SYSML 1.1.5