

## **AP243 (MoSSEC) Update**

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Update November 19 2019

## AP243 (MoSSEC) Status

- MoSSEC (Modelling & Simulation in a Collaborative Systems Engineering Context)
  - Formally became AP243 Q2 2019
- Request accepted to extend project by one year (3 year to 4 year project)
  - Knock on effect of delay to Core model (10303-4000) to which AP243 is mapped (see next slide)
- Contribution to STEP Extended Architecture and other APs
  - Editing SEA N-docs v2 (major focus on SysML and HTML documents)
  - Scripts for publication (to be used by AP239 and Part 4000) – recent focus on Reference Data
  - Creation “how to write STEP standards” guide (~50 pages, plus 12 videos - available online [here](#))
- Continuing use of OpenAPI as a mechanism for specifying and testing web services
  - To be published as 10303-18 (initial version available in WG11 drop-in-box [here](#))
  - External discussions via SC4/WG11 and close co-operation with 10303-15 (SysML to XSD)
- Communications
  - Close working relationship with PDES and LOTAR MBSE projects



# AP243 (MoSSEC) Draft Roadmap

- Standards development

Title	Start	End
10303-243 DIS	Q3 2018	Q3 2020
10303-4443 DIS	Q4 2019	Q3 2020
10303-18 NWI	Q3 2019	Q3 2019
10303-18 CD	Q3 2019	Q4 2019
10303-18 DIS	Q4 2019	Q3 2020
10303-243 IS	Q3 2020	Q4 2020
10303-243 ed2 PWI	Q1 2022	Q1 2022
10303-243 ed2 NWI	Q1 2022	Q2 2022
10303-243 ed2 CD	Q3 2022	Q3 2022
10303-243 ed2 DIS	Q3 2022	Q1 2023
10303-243 ed2 IS	Q1 2023	Q3 2023

- AP243 Implementers Forum
  - Planning Q1 2020
  - Start Q3 2020 - after completion of AP243 DIS
- AP243 mapping reliance (see graphic on next slide)
  - Collection, Justification, Assumption, Task and Resources.



# Core Technical Capabilities

## STEP Core Technical Capabilities used by AP242 ed2 and AP239 ed3

