

HMI Product RoadMap

30/09/2026

Matt Jackson

Restricted Distribution: Airbus Employees' only subject to NDA

Notes:

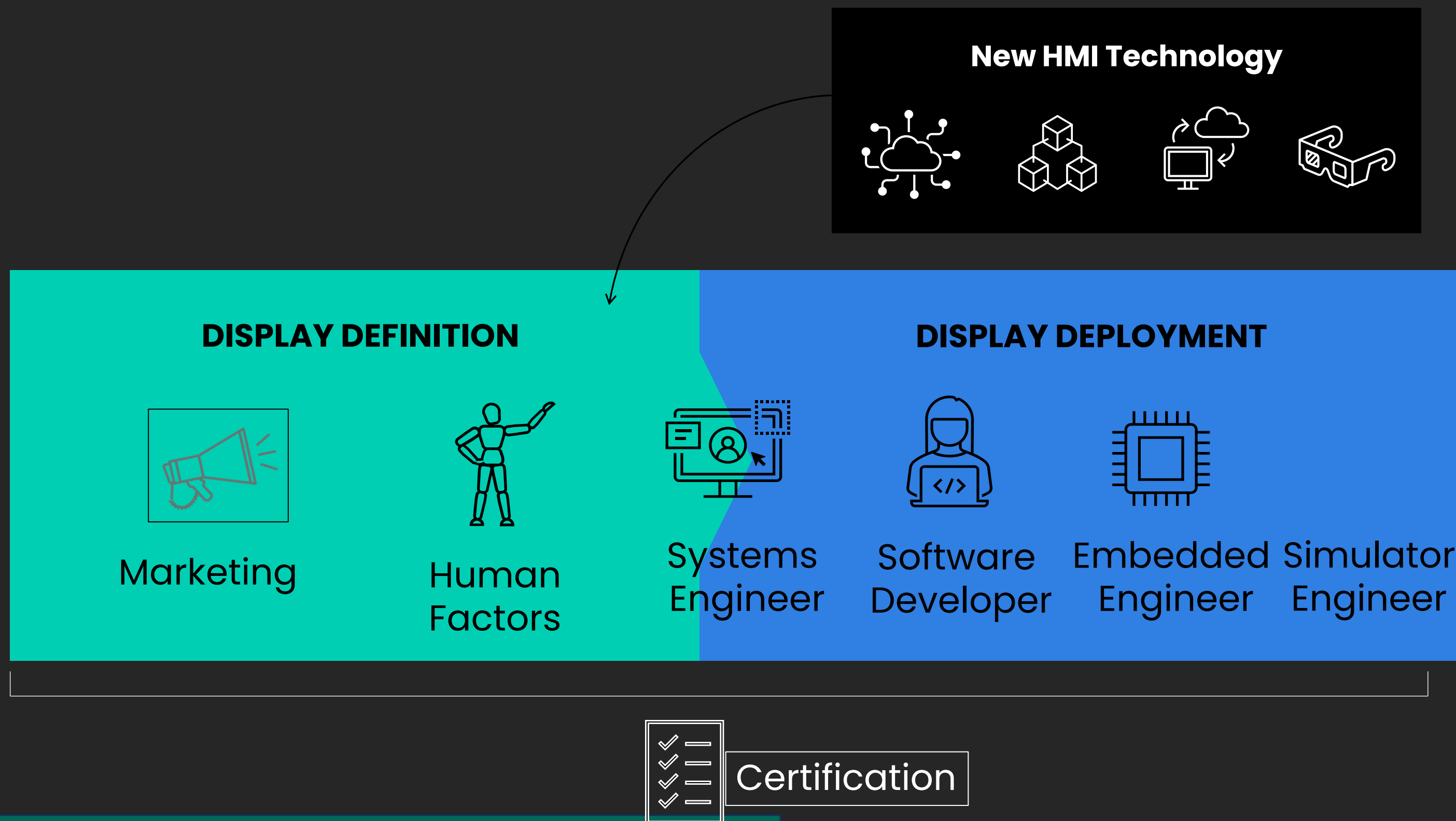
Forward looking planning

- Subject to change
- Data provided limited to usage by Airbus
Internal only
- Distribution restricted to Airbus only

Needs

Cockpit Usage	Standards	Technology	Model Development
<ul style="list-style-type: none"> Natural User Interfaces Multi modal input Aggregated shared display management 3D augmented reality Intelligent displays Teaming Remote Management 	<ul style="list-style-type: none"> ARINC 661 Part 1 ARINC 661 Part 2 FACE Pyramid Vulkan D0-178C DO-330 &331 	<ul style="list-style-type: none"> GPU Usage Non GPU Usage AI Helmet displays Obsolescence Management Large area displays CPU Multicore 	<ul style="list-style-type: none"> Editor Ease of Use Open Model data exchange Open Integration with ecosystem of tools Model Checking

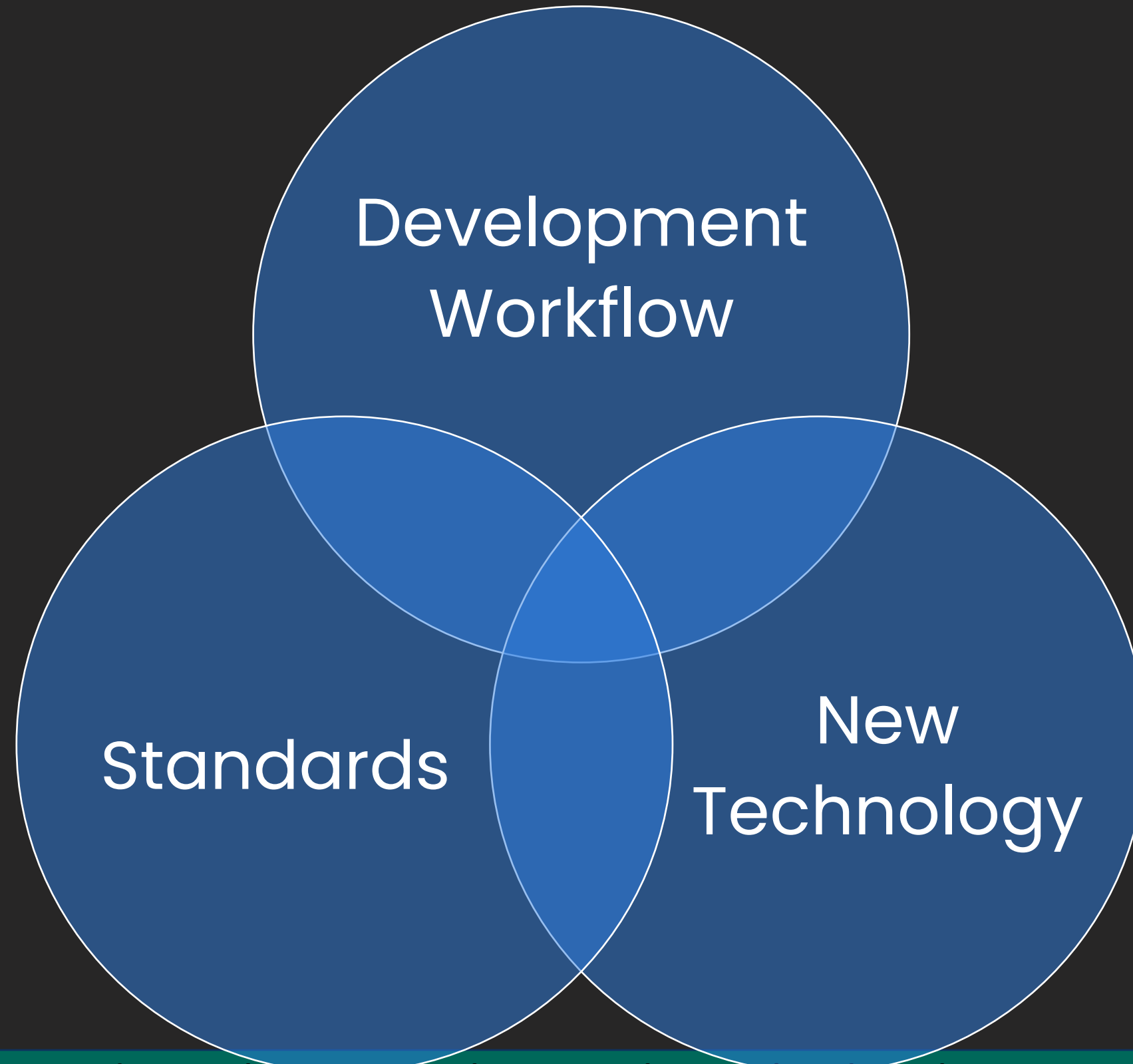
Product Coverage





PACE

Product Road Map Themes



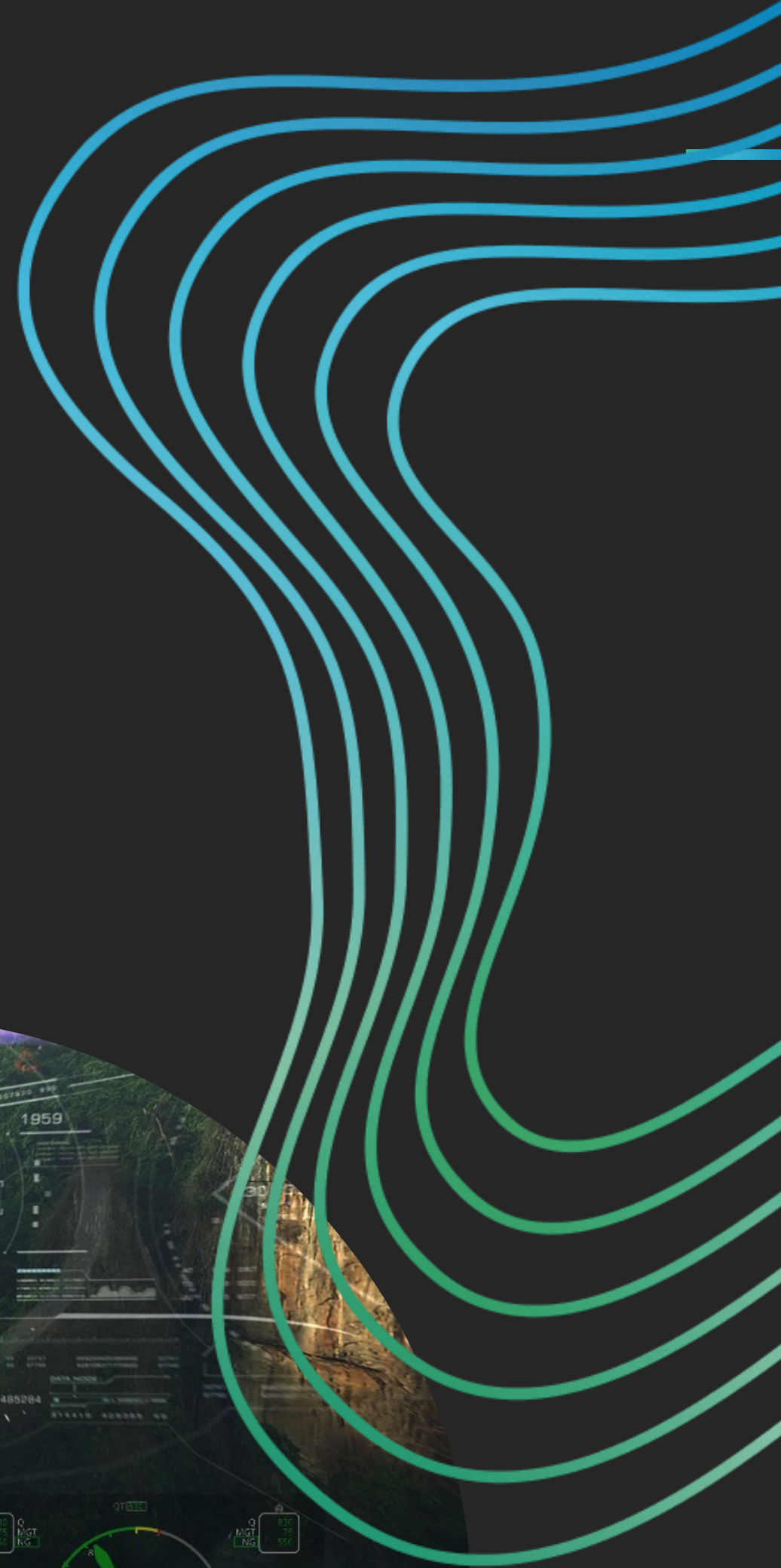
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EG HMI Tools Roadmap Short term 2026/27

30/09/2026

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ROADMAP OVERVIEW

2026

2027

2028



OpenGL SC2.0 Update

Optimized pipeline



OpenGL SC2.0 Cert Kit

Certification Kite for Optimized pipeline



VAPS XT ARINC 661 Part2 Supplement 2 Support

Updated Code Gen and editor support for
new supplement

Editor Feature Pack

New Import and Export file support

VAPS XT Editor Update

Additional Usability and Requirements

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VAPS XT

OpenGL SC
2.0 Update



July 2026

OpenGL SC
2.0 DAL A
Cert Kit



Jan 2027



VAPS XT 5.1
Editor UI &
workflow

Jan 2026



VAPS XT 5.1
Feature Pack 1

May 2026



VAPS XT 5.1
Feature Pack 2

Dec 2026



VAPS XT 5.2
Update

March 2027



ARINC 661 PART 2



VAPS XT
ARINC 661
Part 2
v1.0 Release
April 2023



VAPS XT
ARINC 661
Part 2
v1.1
Release
January
2024



VAPS XT
ARINC 661
Part 2
v1.2
Release
Oct 2027



ARINC 661 PART 2

EB

Releases



VAPS XT
ARINC 661
Part 2
v1.0 Release
April 2023



VAPS XT
ARINC 661
Part 2
v1.1
Release
January
2024



VAPS XT
ARINC 661
Part 2
v1.2
Release
Oct 2027



VAPS XT 5.1 Feature Pack 2

(Schedule Q4 2026)

New Plugins

\ Design Import Figma

- + Graphical definition Import
- + ARINC 661 Layer Mapping
- + User Customisable source plugin

\ Communications integration

- + Auto Generation of Comms code for standalone applications (non 661 part 1)
- + DDS Auto generation*

Editor Plugins and features

\ Communications Editor Plugin

- + Editor support for user defined comms protocols/transport
- + Auto Generation of Comms code for standalone applications

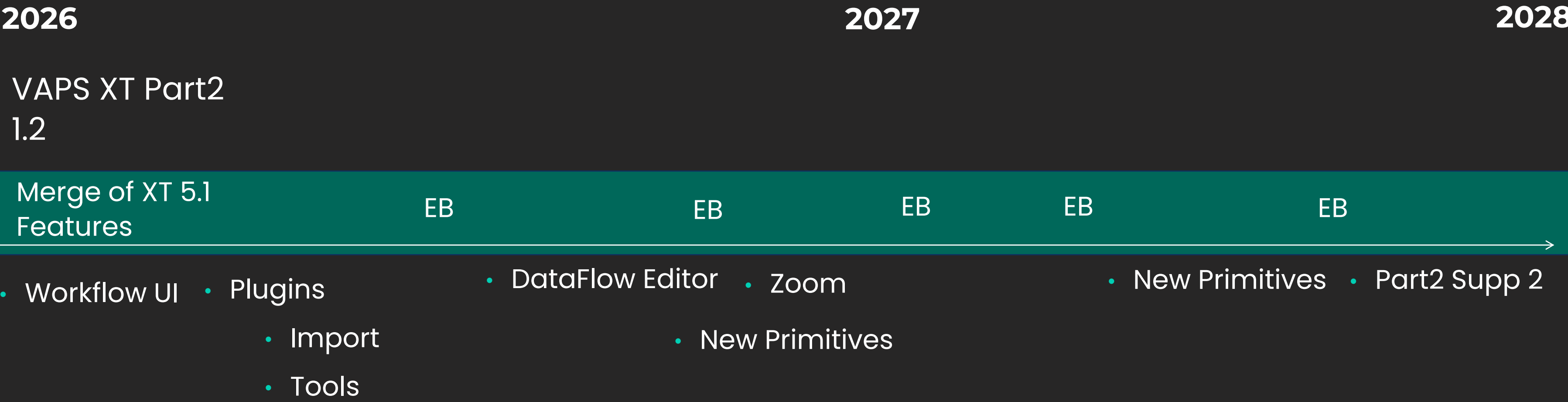
\ Project configuration views

- + Ability to mark project items as externally controlled
- + Configure external project content

\ User defined requirement trace Plugin

- + External tools plugin automation
- + Ability to manually tag with local requirements free text

Part 2 ROADMAP OVERVIEW

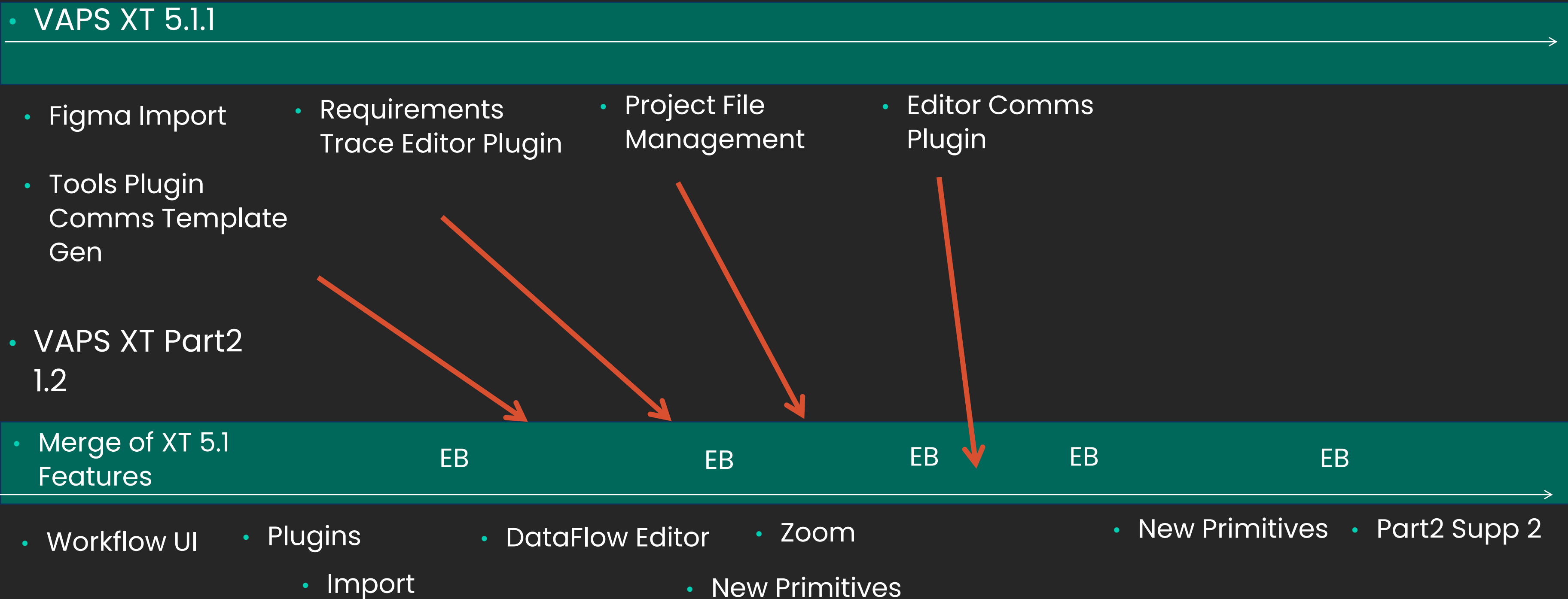


ROADMAP OVERVIEW

2026

2027

2028





HMI Tools Roadmap Future Looking 2026-2031

30/09/2026

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Future Looking Development Activity

2026 2027 2028 2029 2030

- | | | | | |
|--|--|--|---|---|
| <ul style="list-style-type: none"> • Editor Update • OpenGL SC2.0 Certification update • A661 Part 1 Widget library Certification Update • VSR | <ul style="list-style-type: none"> • Editor Updates • Standards • ARINC 661 Part2 Supplement 2 • VSR | <ul style="list-style-type: none"> • Editor Updates • ARINC 661 Part1 Supplement 10* • Vulkan* • AR/VR • HMI System Checker • AI Assistant | <ul style="list-style-type: none"> • Editor Updates • VSR Certification * | <ul style="list-style-type: none"> • ARINC 661 Part 2 Cert * • AR/VR Certification* |
|--|--|--|---|---|

ROADMAP OVERVIEW

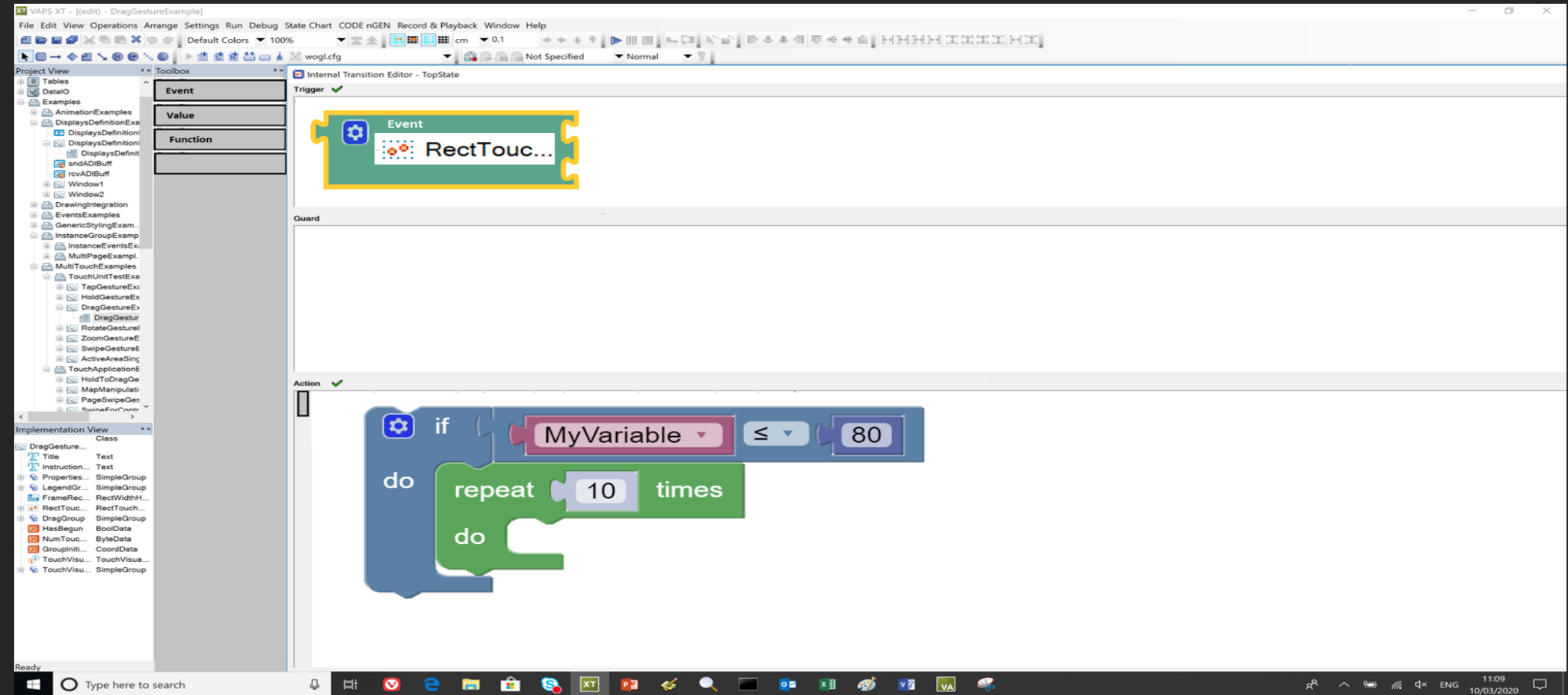
2031

2032

- 661 Part2 Supplement 2
 - Cert
- 661 Part1 Supplement 10*
 - Cert
- Vulkan Cert *
- AI HMI
Components*

Editor Futures

Editor Views (UI Updates)
Non Programmer Scripting



Thank You!



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