

Development environment for OPC UA FX



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Unified Automation SDK Overview

- > Largest OPC UA SDK & Toolkit Vendor
- > Multiple Programming Languages available
- > Used for many controller and PLC products
- > Ready for OPC UA FX Device
- > Scaling on all Targets

.NET SDK

JAVA SDK

C++ SDK

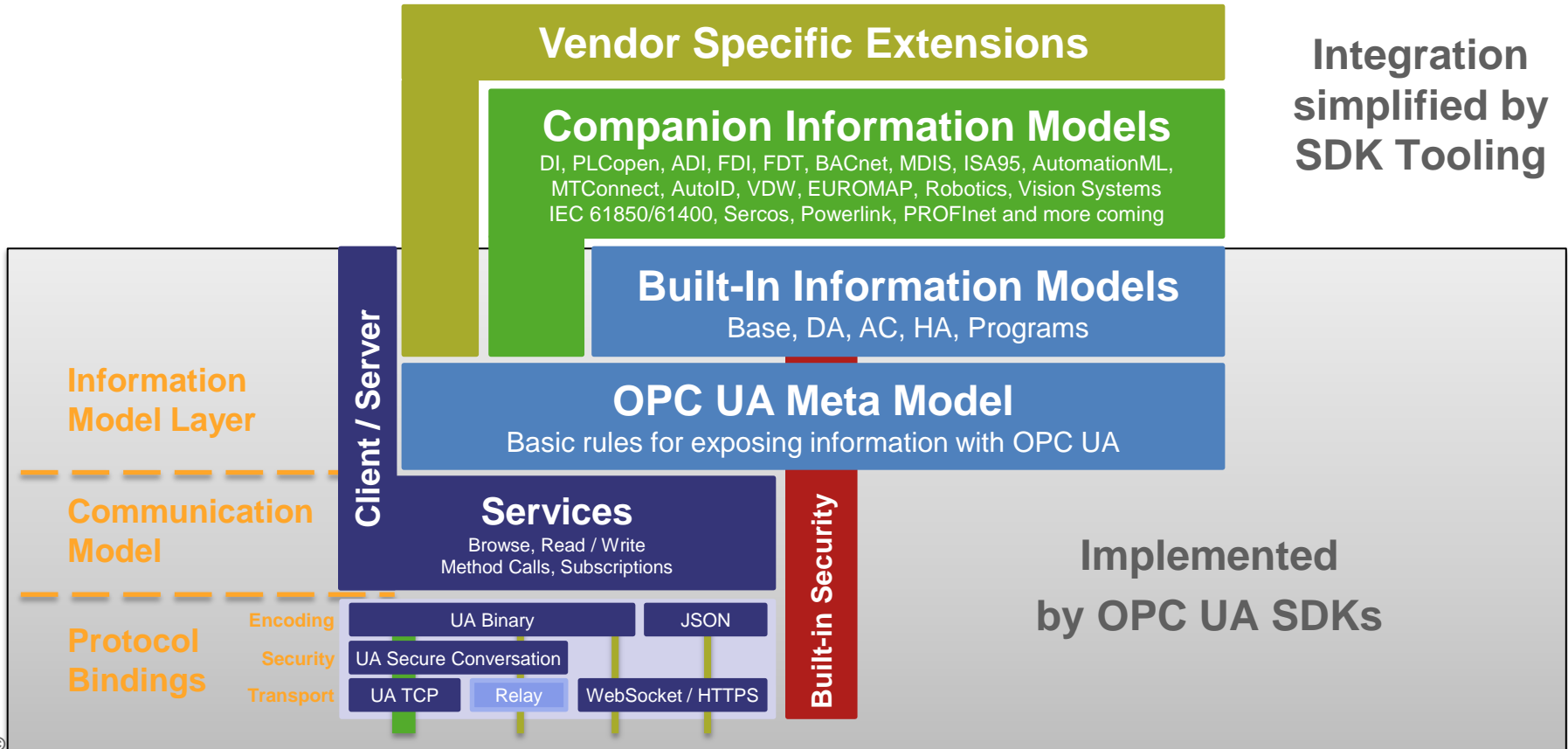
ANSI C SDK

High Performance SDK

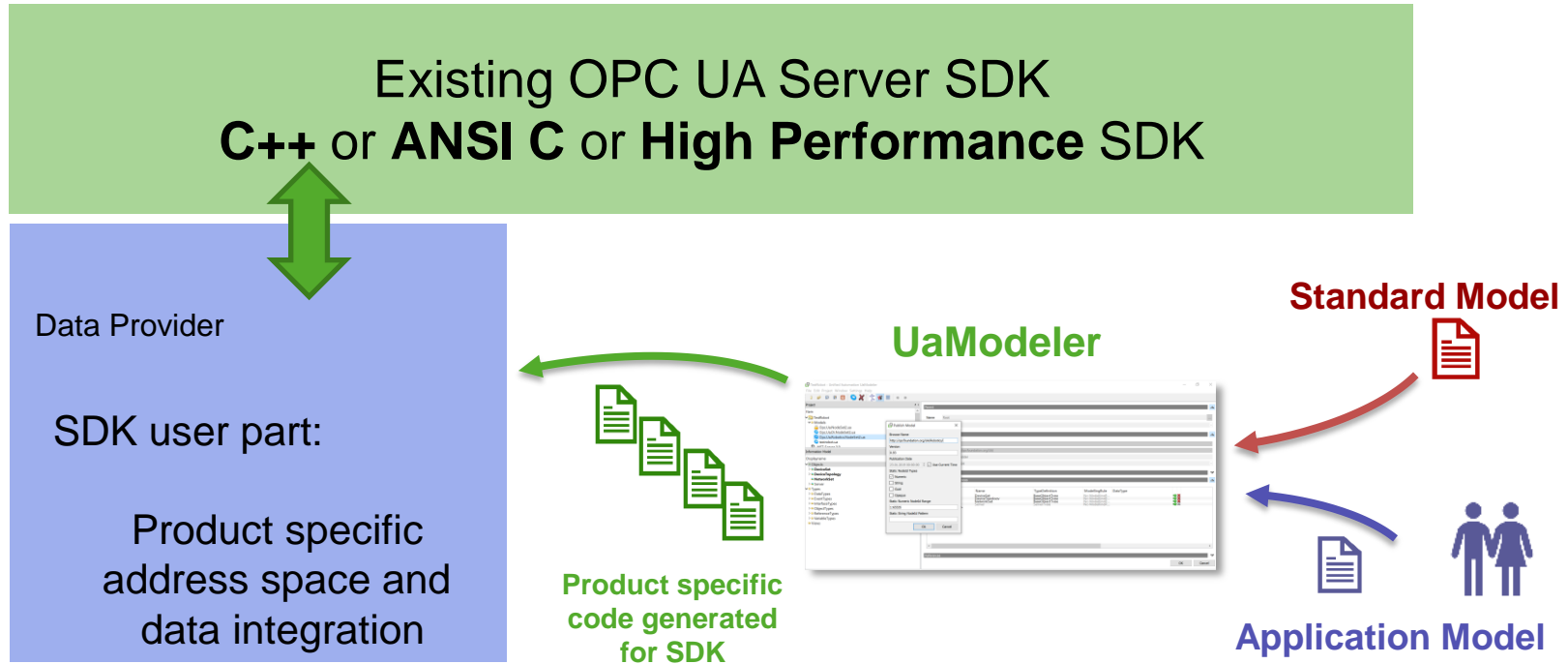


bare metal, FreeRTOS, Euros, QNX, embedded Linux, VxWorks, WinCE, Win32, Win64, Linux, Solaris

OPC Unified Architecture

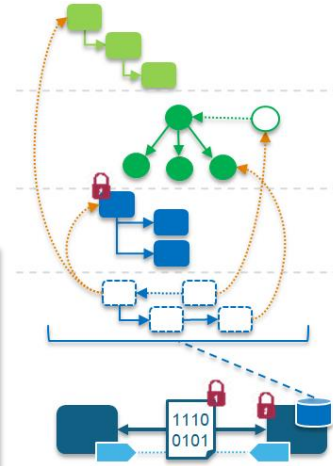
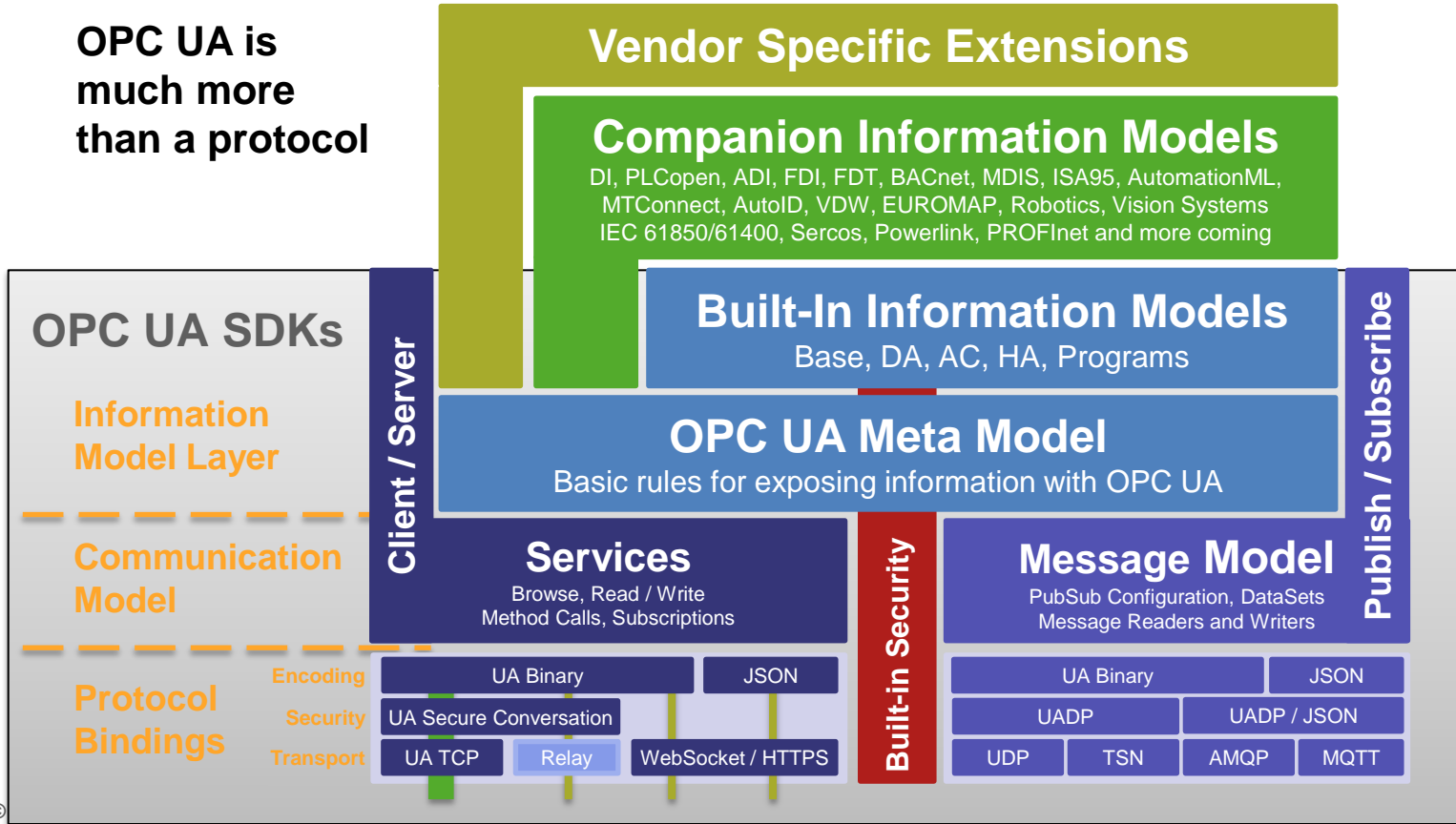


OPC UA SDK / Toolkit

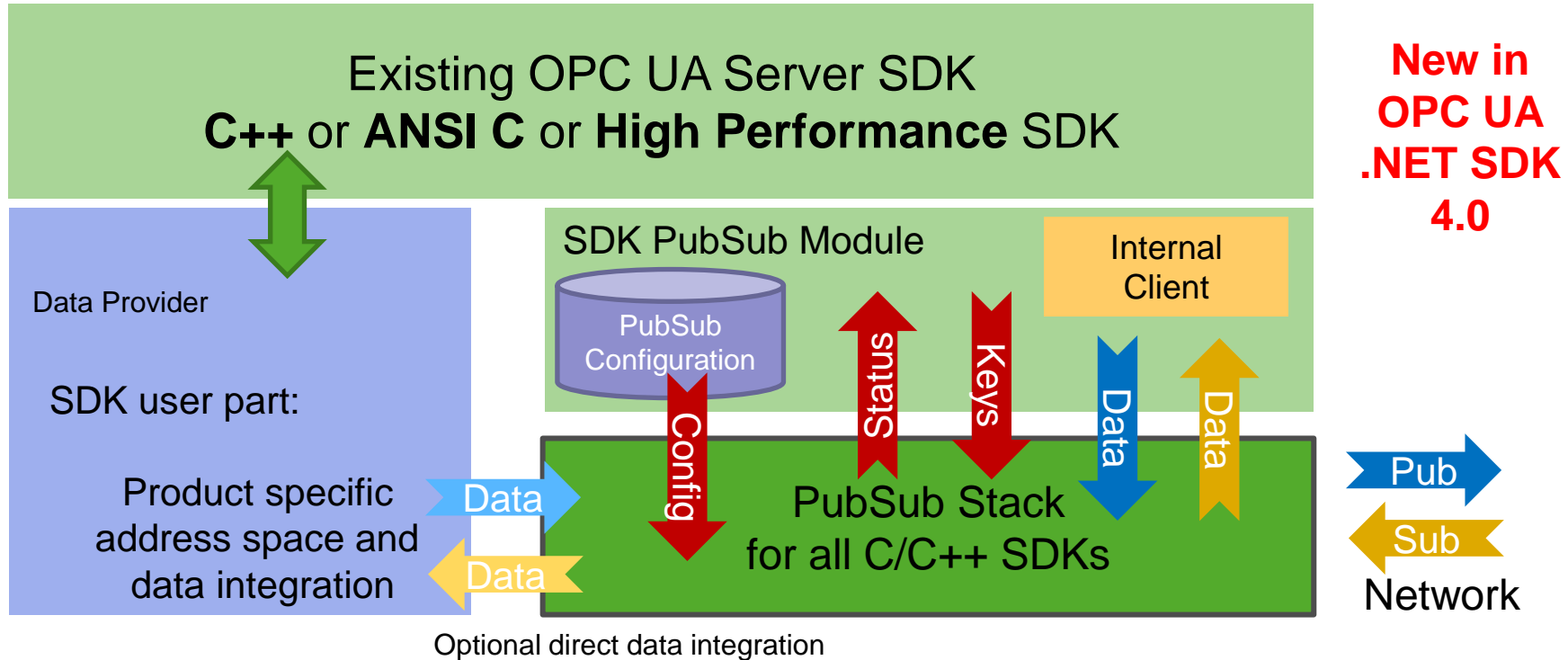


OPC Unified Architecture – The Big Picture

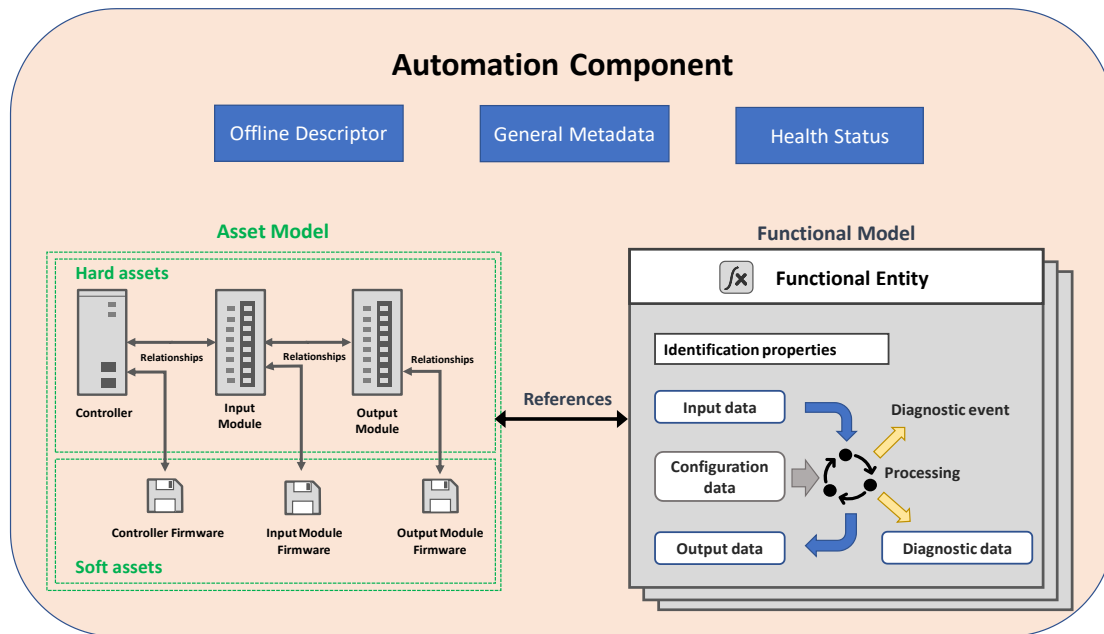
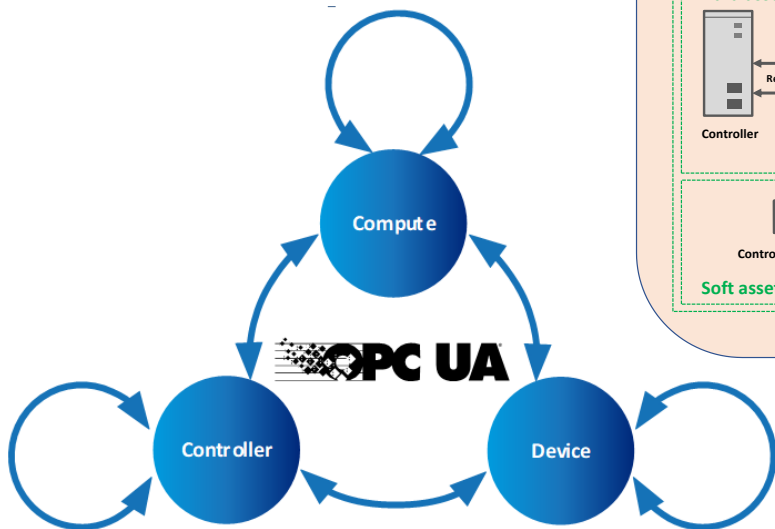
OPC UA is much more than a protocol



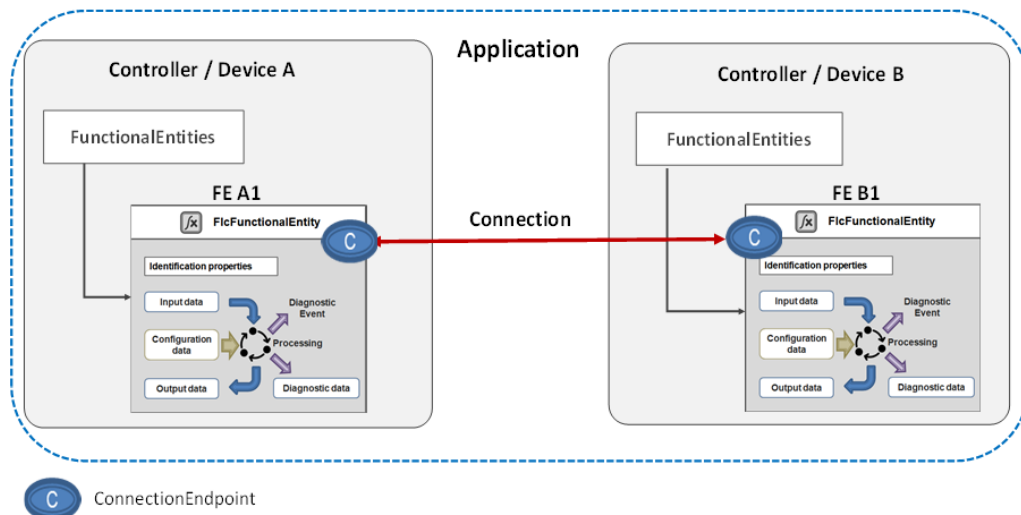
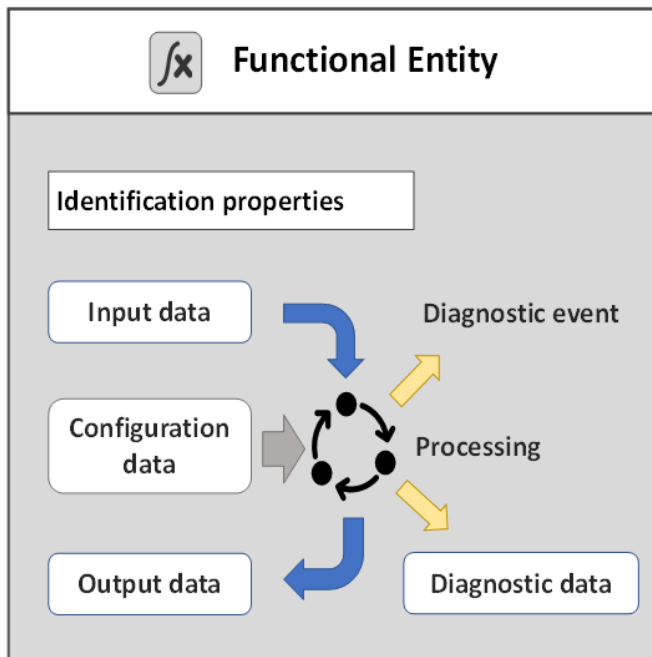
OPC UA SDK / Toolkit with PubSub Support



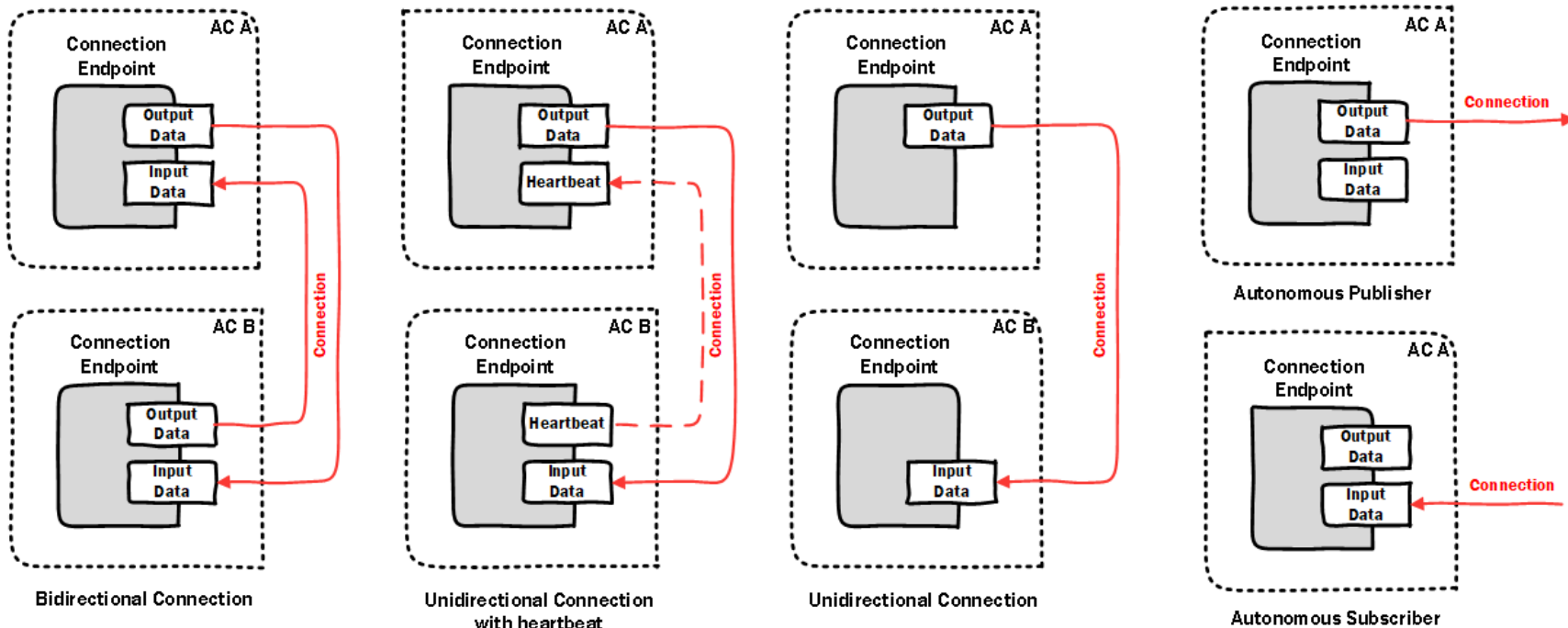
Interaction Model / FX Automation Component



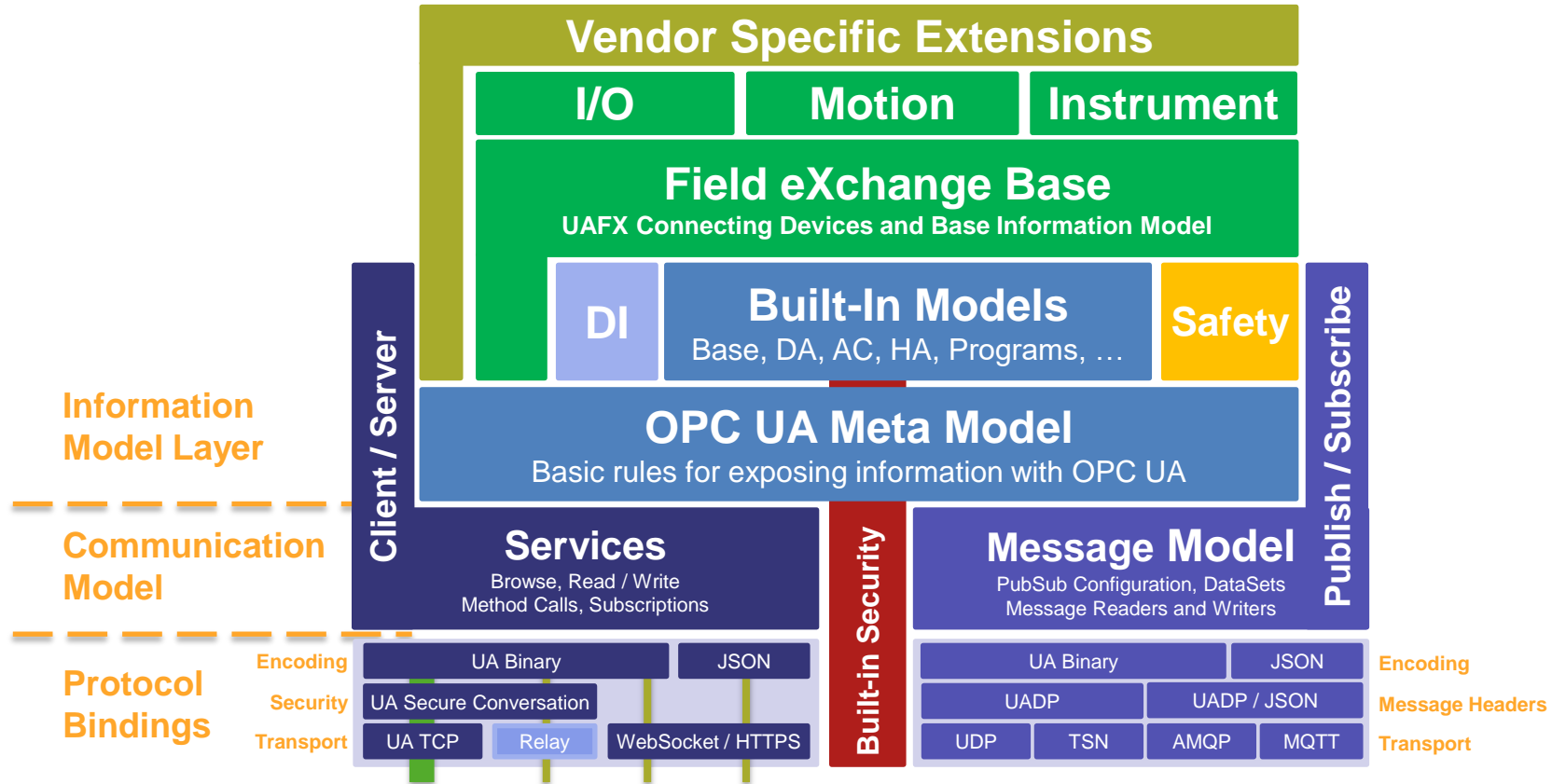
FX Functional Entity + Communication Connections



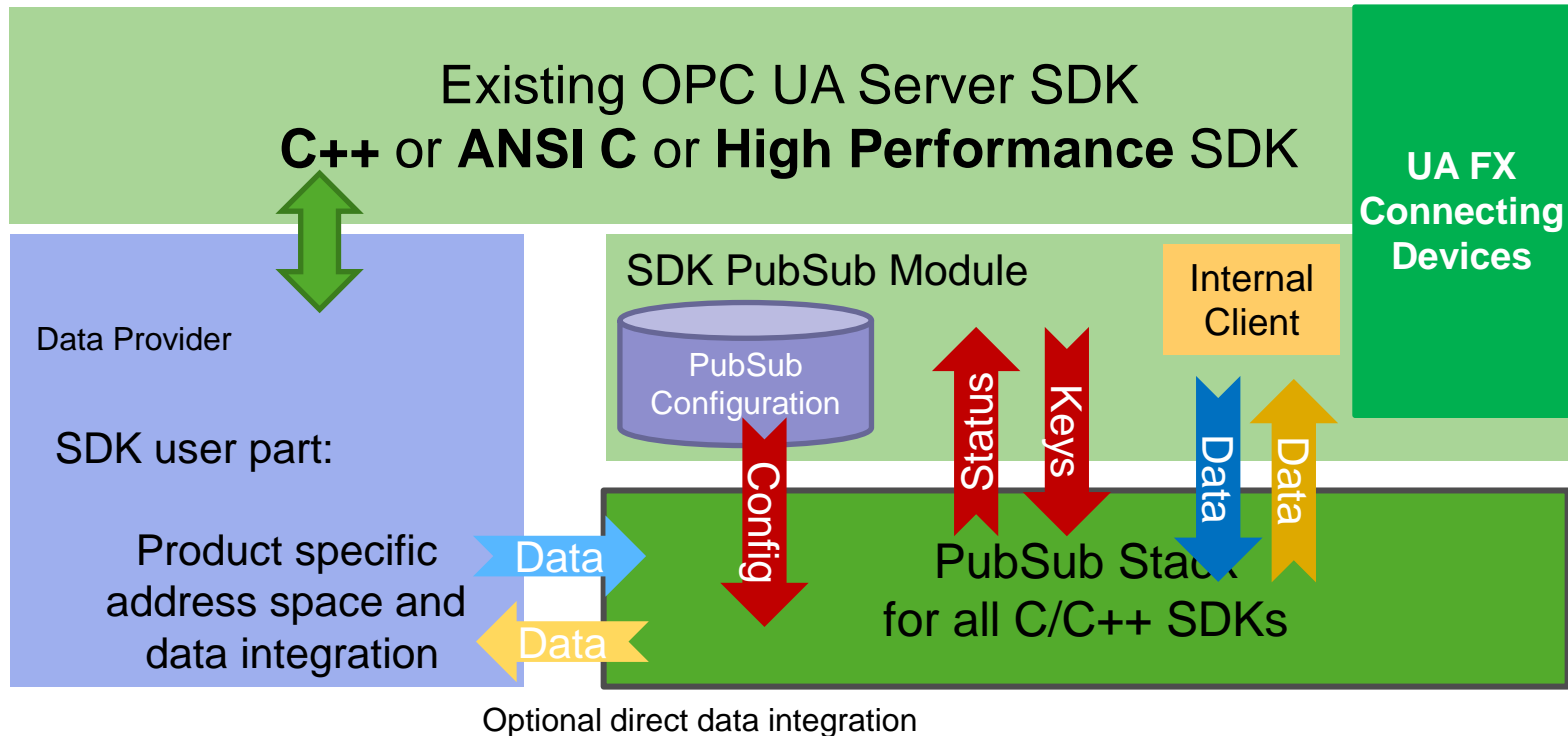
FX Connection Types



OPC Unified Architecture – UA FX Extensions



OPC UA SDK / Toolkit with UA FX Support

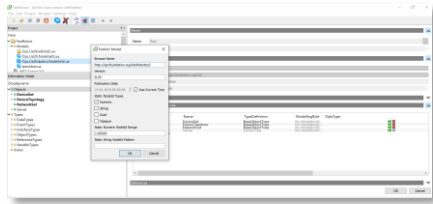


OPC UA FX Development Tools from Unified Automation

OPC UA FX Model



UaModeler



Device Model

OPC UA SDKs ready for OPC UA FX



Product specific code generated for SDK

.NET SDK

JAVA SDK

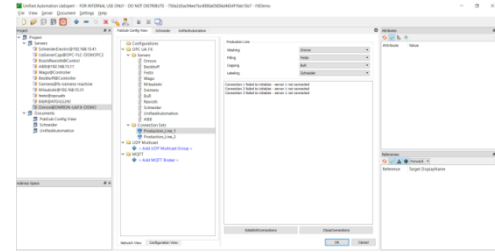
C++ SDK

ANSI C SDK

High Performance SDK

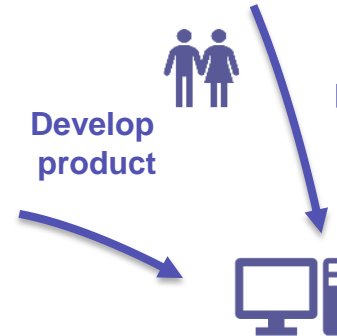


UaExpert with OPC UA FX Connection Management



Test product

Develop product



OPC UA FX enabled product