



# Whiznium

## Embedded Software Development Lifecycle Automation

Develop **better** embedded software **faster** with:

- Model-based source code generation
- “Embedded Full Stack” from FPGA device level to Embedded Linux code to IIoT connectivity
- Smart source code tree management
- Integrated Matrikon® FLEX™ OPC UA development



Testing

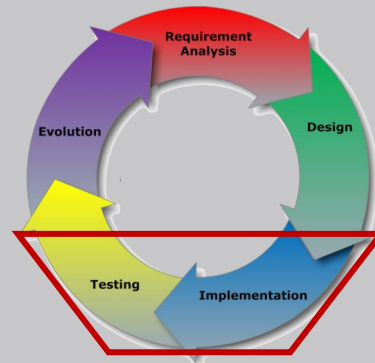
Implementation



## WhizniumSBE and WhizniumDBE

The Whiznium development automation system enables developers to stay focused on their core application while automated code generation takes care of everything else. No more worrying about intricate coding details of parallelism, database, multi-role access and state-of-the-art IIoT connectivity.

- Compile-ready, automatically generated skeleton source code tree based on fine-grained modelling
- High quality VHDL, C++, SQL, HTML/JS and Java code
- Preservation of customized code in project model revisions
- All code in plain sight - no functionality hidden in libraries
- Full flexibility of C++ for 3<sup>rd</sup> party / legacy code integration
- Built-in Matrikon® FLEX™ OPC UA SDK support
- And more...



**Whiznium** : Slashes recurring coding effort and ensures high product quality.

## Matrikon® FLEX™ OPC UA SDK

The professional OPC UA software development toolkit that's **production ready**

- OPC UA Client and Server Functionality
- Embedded first principles design for small systems
- Ultra scalable multi-threaded design for PCs
- All facets: DA, HA, AC, Events, Methods, programs...
- Profiles: Nano, Micro, Embedded, Standard
- Small footprint, ultra scalable
- C++ based



MPSI Technologies Whiznium  
www.whiznium.com  
contact@mpsitech.com



Matrikon FLEX OPC UA SDK  
www.MatrikonFLEX.com  
DL-PMTOPCUAEMEA@MatrikonOPC.com

