



The simple way to build
complex software
systems

ASD Introduction Consultancy

Verum has invented a new software design product that for the first time provides Software Architects and Designers with a simple, general purpose way to build mathematically verified software for complex embedded & automotive systems.

Verum provides consultancy around the application and introduction of ASD. Our consultants are highly skilled professionals that help you with:

- Successful introduction of ASD technology in a customer's R&D environment
- Acceleration of your teams learning curve
- Get the maximum benefit of applying ASD by doing it first time right

Verum's ASD consultants come in on a temporary basis to help your team to transition from one way of working to a new way of working. ASD consultants will help you to shift to this new way of working as quick as possible, without making avoidable mistakes.

All Verum consultants are committed to the following design principles:

- Business Critical Software must be implemented from specifications and designs that are verifiably correct before implementation starts.
- Software Architects and Designers must restrict themselves to those architectures and designs that can be verified using currently available tools and techniques.

To ensure maximum effectiveness of our consultancy services Verum has different levels of consultancy to offer:

Consultancy level

Added Value

ASD Consultant

Given a software design that can be verified using currently available tools and techniques an ASD consultant will help you in modeling your designs and verify them on correctness. An ASD consultant can then help you in generating code and/or test cases.

Senior ASD Consultant

Verum's Senior ASD Consultants can help you in ensuring that your architectures and designs can be verified with the currently available tooling.

Principal ASD Consultant

Verum's Principal consultants will help you in advanced modeling challenges. They have in-depth knowledge of the underlying techniques and how to apply these in practice.

On demand Verum can also provide additional services, like:

- Consultancy in defining a test setup and strategy for handwritten and third party components.
- Integration of Verum tools into the customer build and configuration management environment.
- Outsourcing services where Verum takes the responsibility for the complete specification, design, verification and implementation of ASD components.

Summarizing Verum can help you in:

- The use and application of the ASD model builder.
- Establishing an architecture and design, more specifically bringing ASD knowledge to the architecture and design.
- Developing interface and design models for the defined components.
- Model checking of the designs, i.e. help in interpreting the results from the model checker and relating them to associated areas in the ASD model.
- Generating the code and integrating this with the handwritten code.

See www.verum.com for further information or contact us at info@verum.com