



## ***About Geensys***

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Geensys is a powerful “new” force in the provision of value-added Consulting Services, Engineering, Development Tools and Software IP to the Embedded World.

Privately-owned and operating on a global scale through direct sales offices in France, Germany, Japan and China and through resellers in the USA, Israel and Europe, Geensys has been created from the formal merger in 2007 of two of France’s most innovative and dynamic companies in the embedded market : TNI-Software (1985), a leading Tool Provider for software dominant embedded systems, and Ayrton Technology (2004), one of the fastest growing consulting and engineering French firms, among the first in France to be rated at CMMI Level 3.

Geensys provides the following tools & solutions:

- **Reqtify**, Requirement traceability & Requirements based engineering,
- **ControlBuild**, design platform for Railway & Automation applications,
- **Autosar Builder**, design platform for Automotive EE applications,
- **RT-Builder**, real-time architecture modeling and simulation,
- **ECLIPSE-based solutions** & Workbenches.

In addition, Geensys provides the following services:

- **Expertise**: Experts for tools integration into the customers’ processes and environments, process audits and improvements, Certification support,...
- **Development Center**: Subcontracting of SW and HW projects
- **Consulting** Onsite consultants acting with customer project teams,

Geensys resources are composed of 245 engineers, with 40 engineers in the Aerospace & Defense Business Unit.

## ***Geensys and DO-254***

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GEENSYS is able to provide in Europe a unique, practical and modular solution for DO-254.

- Training, based on real examples and practical cases. The only training in Europe addressing EASA and European aircraft program requirements,
- Gap Analysis: Applied to companies that have to face with the DO-254 objectives, and/or subcontractors,
- Gap Filling : Action plan definition, taking into account already existing processes, methods and tools to fill the gap,
- Assistance on first project(s), based on this action plan,
- Evaluation of results on first project(s), and update of the action plan: what is done, what is still to do,...
- Tools assessment, assistance for usage in a DO-254 process and for qualification, recommendations,...
- Expertise in Validation & Verification of existing chips.

- o Expertise for IP providers who want to deliver IP with Qualification Kits, and for users who want to integrate IPs in their design.

In addition, Geensys established relationship with Certification Authorities representatives, like FAA DERs, EASA and CEAT (French designees for EASA).

Geensys also chairs the DO-254 Users Group that federate the industry efforts in Europe about DO-254.

The global picture can be presented as follows:

