

## Automotive SPICE® and ISO 15504 Assessment

Assessments and VDA Certified Automotive SPICE Assessor Courses (ISCN is a certified training partner of VDA-QMC)

## ISO 26262 / IEC 61508

Automotive SPICE® and Functional Safety Combined Assessment and ECQA® Certified Functional Safety Manager Training



## Software Solutions

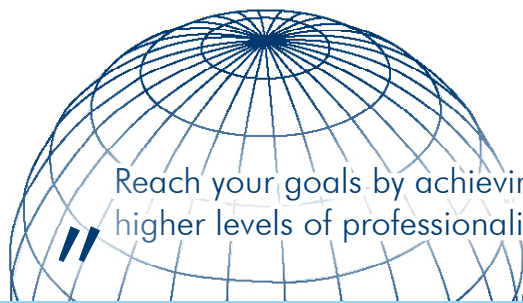
Capability Adviser - ECQA® portals - Project Management Tool / Method

Web based team assessment tool for Automotive SPICE®, ISO 15504, etc.

Integrated Learning and Exam Portals for ECQA® Professions/ Job Roles

Function Road Map Based Mechatronic Project Management

All consultants have many years of industry experience.



Reach your goals by achieving  
higher levels of professionalism

# Expert Team



The ISCN Group experts have more than 20 years experience in industry and performs projects in all European countries.



Dr. Richard Messnarz

Dr. Richard Messnarz is an Automotive SPICE and ISO 15504 Principal Assessor and for the last 24 years he has been acting as consultant and/or trainer for leading companies like ZF Friedrichshafen AG, ZF/BOSCH Lenksysteme, HELLA, Robert BOSCH, Continental Automotive, AVL, Magna, Giesecke & Devrient, RENESAS, AUDI/VW, KTM Motorsport, T-Systems and many more.

Dr. Messnarz focuses on system architecture, functional (safety) design, requirements management and safety (ISO 26262) and Quality (ISO 15504) standards. He is an ECQA certified Functional Safety Manager and ECQA certified trainer. He is teaching Automotive Quality at the University of Applied Sciences, FH Joanneum, Graz. Dr. Messnarz manages EU initiatives to deal with Innovation, international standards and safety ([www.eurospi.net](http://www.eurospi.net)) and he is the moderator of the German initiative SOQRATES, where experiences and best practices for traceability, requirement management, system and SW design, system test and safety standards are exchanged. He is vice president of the European Certification and Qualification Association (ECQA), and chair of EuroSPI.



Dipl.-Ing. Damjan Ekert

Dipl.-Ing. Damjan Ekert has studied Telematics at the University of Technology, Graz, Austria and finished his studies with distinction. Since 2001 he has been working for ISCN as SW project manager, ISO 15504 and Automotive SPICE consultant and SW integrator.

He is an Automotive SPICE and ISO 15504 Competent Assessor and has been acting as consultant and/or trainer for leading companies like ZF Friedrichshafen AG, ZF/BOSCH Lenksysteme, Magna Powertrain, Hidria, T-Systems and many more.



Dr. Eva Christof

Eva Christof is the administrator and manager of ECQA (European Certification and Qualification association) exams based on the ECQA learning and exam portals. ISCN acts as a service provider for skills, exam and learning portals for the ECQA ([www.ecqa.org](http://www.ecqa.org)).

Approx. 30 international Job roles are being trained and certified across all European countries and other continents. Eva acts as a first contact for the issuing of exams and certifications.



Thomas Entlicher

Thomas Entlicher is a software engineer at ISCN and he is responsible for the ECQA, ISCN, EurpoSPI Portals and development of Systems like Capability Adviser, NQA Network Quality Assurance Documentation Portal, etc.



Adrienne Clarke, BA

Adrienne Clarke has been working for ISCN LTD since 2000. Her main tasks are to act as the training manager of ISCN in cooperation with the German Automotive Association (VDA) for Automotive SPICE Compact and Assessor courses. She is the Administrator of the EuroSPI (European Systems, Software, Services Process Improvement and Innovation) initiative.

She studied new media in London and has more than 25 years working experience from the Netherlands, UK and Ireland.



Dr. Christian Kreiner

Dr Christian Kreiner is a Professor at the technical informatics institute of the University of Technology Graz. ISCN is collaborating with the TU Graz and staff acts in ISCN Projects (Automotive SPICE and functional safety related work) on the market. Dr Kreiner has more than 20 years industry experiences, he was a former R&D head of a leading Austrian engineering company.

He is an Automotive SPICE Assessor, and he is an ECQA Certified Functional Safety Manager and ECQA certified trainer. He worked with ISCN in projects at ZF Friedrichshafen AG, ZF/BOSCH Lenksysteme, RENESAS, TTTech, AVL, etc.



Dr. Andreas Riel

Dr Andreas Riel has more than 17 years industry experience. He was Innovation manager at AVL List Graz. Then he moved to Grenoble Institute of Technology, France and became the coordinating manager of a FP7 project for innovation in manufacturing, which resulted in the foundation of EMIRacle. Andreas Riel joined the ISCN Group in 2012.

Andreas is a Provisional Automotive SPICE Assessor and an ECQA Certified Functional Safety Manager and ECQA certified trainer. He worked with ISCN in Projects at ZF Friedrichshafen AG, ZF/BOSCH Lenksysteme, KTM Motorsport, etc.



Prof Micheal Mac An  
Airchinnigh

Prof Mac An Airchinnigh is the president of ISCN since 1994. He is a Professor for computer science at the Trinity College, Dublin, since 24 years. He is an acting board member of the Irish Software Testing Board and ISCN acts as the ECQA certified examination body for Software Tester.



# Services Tools

The ISCN Group experts provide a professional portfolio of training, consulting, methods & tools.



Dipl.-Ing. Bernhardt Steger

After his informatics study at the ETH Zurich Dipl.-Ing. Bernhardt Steger has been working with model-based SW development (Model Driven Development, MDD) since the nineties - mainly in the range of automotive.

With his long lasting experience he supports companies in the conception and implementation of MDD (including the integration into Autosar).

He joined the ISCN Group in 2012. He is an Automotive SPICE Provisional Assessor, and together with ISCN he worked in Projects at ZF Friedrichshafen AG, ZF/BOSCH Lenksysteme, and acted as a trainer for ASPICE Introduction courses. ISCN co-developed with Mr Steger a mechatronic project management method and tool set used in ZF/BOSCH Lenksysteme.



Ir Dick Theisens

Dick Theisens studied at the University Twente and is manager of a spin-off of this university (Symbol BV), which provides Lean Six Sigma and high quality production services for leading industry in the Netherlands and Germany.

Together with ISCN and supported by a EU consortium a Lean Six Sigma Academy was formed in 2011. Dick Theisens joined the ISCN Group in 2011 to jointly offer Lean Six Sigma Certifications and Services for the European industry. LSSA is a member of AQUA (Automotive Quality Alliance).

ISCN is a certified training partner of VDA-QMC for Automotive SPICE - ISCN is an ECQA Certified Training Provider for the Certified Functional Safety Manager / Engineer - ISCN has experience with Automotive SPICE and ISO 15504 Assessments since more than 20 years - ISCN is moderator of the EuroSPI Initiative

## Automotive SPICE®

Automotive SPICE Assessments  
INTACS™ Certified Provisional Assessor Automotive SPICE Course Provider (5 days)  
INTACS™ Certified Competent Assessor Automotive SPICE Course Provider (5 days)  
Automotive SPICE Compact Course Provider - Practical Introduction (2 days)  
Consulting Teams at leading Automotive Industry

## ISO 15504

ISO15504 Assessments  
INTACS™ Certified Provisional Assessor ISO 15504 Course Provider (5 days)  
INTACS™ Certified Competent Assessor ISO 15504 Course Provider (5 days)  
Consulting Teams at leading engineering companies

## Functional Safety

Combined ISO 26262/IEC61508 and Automotive SPICE Assessments  
ECQA Certified Functional Safety Manager/Engineer Course Provider (5 days)  
Consulting Teams for Functional Safety for leading Automotive and Medical Industry.

## Innovation

Coordinator of EuroSPI<sup>2</sup> since 1994 (European System, Services & Software Process Improvement & Innovation)  
ECQA Certified Innovation Management Training Provider (Researcher Entrepreneurship, From Idea 2 Enterprise, Innovation Manager)

## Systems & Software

Skill portal, learning portal and exam portals for ECQA certified job roles  
Teamwork based assessment tools for Automotive SPICE  
Mechatronic Project Management Method and Tools



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# Capability Adviser



The Capability Adviser supports Automotive SPICE™ and ISO 15504 Team Assessments over the intra-/internet, creates profiles, assessment reports and integrates learning management systems to distribute already established best practices in the company.

- Intranet and Internet Solution
- Operating System Independent (Linux, Windows etc.)
- No Limitation in the Number of Assessments, Projects or Assessors
- Multiuser System
- Interactive Help
- Rating and Comments on Indicator Level
- Process Tailoring
- Evidence Collection
- Assessment Profiles and Attributes
- Benchmarking
- Collaboration of Assessors
- Online Review of Evidences through Assessors
- Knowledge Database
- Generation of Microsoft Word© and Adobe PDF© Assessment Reports
- Export of Assessment Results and Comments to Microsoft Excel© and Microsoft Word©
- Export of Attribute and Profile Ratings to Adobe PDF© and Microsoft Excel©
- Reuse of Assessment Results and Evidences
- Import/Export of Assessments
- Generation of Assessment Reports in Microsoft Word© und Adobe PDF©
- Integrated Automotive & Safety (IEC 61508/ ISO WD 26262) SPICE Assessment Approach
- Cross-References to ISO 9001



## Customer References

<b>ZF Central</b>	Automotive SPICE Assessments, Consulting & Training in SPICE, Innovation and Functional Safety, Use of Capability Adviser Portal (since 1997)
<b>ZF N Division</b>	Automotive SPICE Assessments and Improvements (since 2001), Joined ISO 26262 Functional Safety Audit and Automotive SPICE Assessment with TÜV (2011)
<b>ZF/Bosch Lenksysteme</b>	Consulting of Customer Projects for VW and Daimler (ASIL-D) Covering System Requirements, System Design, Project Management (since 2004)
<b>Magna Powertrain</b>	Consulting for the Set-up of Development Processes for Different Customer Projects (ASIL-D Projects) for Audi, BMW, Nissan, Honda (2007 to 2010), Training Partner since 2011, Use of Capability Adviser Portal
<b>Hella</b>	Automotive SPICE Assessments for Customer Projects for Daimler, VW, Consulting of the Process Management Team to Set Up Pragmatic and Usable Processes (since 2011)
<b>Continental</b>	Automotive SPICE Assessments, FMEA Moderation for ECUs for Audi, Uses Capability Adviser Portal, Automotive SPICE Inhouse Courses (since 2003)
<b>ZF C Division</b>	Consulting in System Requirements, System Design, Project Management etc. for Customer Projects for Porsche and Audi (since 2009)
<b>Bosch</b>	Combination of Automotive SPICE and Functional Safety Audit for Customer DAIMLER (2011) HW SPICE Assessment for HW Module Library, Test Processes Improvement (2012)
<b>T-Systems MMS</b>	ISO 15504 Assessments for Top Projects and Support of Improvement Program, Use of Capability Adviser Portal (since 2005)
<b>ZF-Schweinfurt</b>	Automotive SPICE Assessments in the Area of Driving Dynamics Systems and Hybrid Development, Use of Capability Adviser Portal (since 2005)
<b>KTM</b>	Consulting for Functional (Functional Safety Concept, Technical Safety Concept, HSI, DIA, Test Strategies, etc.) for 3 Models of Motorbikes (since 2011)
<b>EuroSPI<sup>2</sup></b>	EuroSPI <sup>2</sup> is a European think tank and knowledge exchange platform for System, Services & Software Process Improvement & Innovation (ISCN is coordinator of this platform)
<b>RENESAS</b>	ECQA Certified Functional Safety Manager / Engineer Course
<b>AVL</b>	ECQA Certified Functional Safety Manager / Engineer Course
<b>TTTech</b>	ECQA Certified Functional Safety Manager / Engineer Course
<b>SOQRATES Group</b>	Working Grpups and task forces of leading German and Austrian Automotive and Medical Device Industry (www.socrates.de), ECQA Certified Functional Safety Manager / Engineer Course
<b>B.Braun</b>	MediSPICE Assessments, Application of IEC 62304, Functional Safety in Medical Device Industry Lean Six Sigma for Health Care