

Dear iNTACS members, SPICE assessors and friends of intacs®!

As we step into the final months of 2024, it is a perfect time to reflect on our achievements and look forward to what is ahead. In this edition of our information letter, we have some exciting updates and insights to share with you.

Firstly, we bring you the latest updates on several iNTACS procedures, ensuring that you are well informed about the improvements and changes that will enhance our operations.

We are also thrilled to feature an exclusive interview with Lars Dittmann, our Vice President and Managing Director. Lars shares his vision, experiences, and the future direction for iNTACS, offering valuable insights that you will not want to miss.

Additionally, we are proud to announce the formation of some new international communities. These communities are designed to foster collaboration, innovation, and support across our global network, bringing us closer together to share knowledge and assessment experience.

Enjoy reading this newsletter and let us make these last months of the year truly remarkable!

All the best,

Your iNTACS working group "Information Management".

Table of Contents

News from the Executive Board3

- Changes in our intacs® “Assessor certification” procedure as of October 2024* 3
- Clarification of required assessor competency for usage of PAM extensions* 4
- AUTOMOTIVE SPICE® 4.0 Upgrade Training in Japanese language has been released* 4
- SPICE for IT Services - independent training and certification path from 2025* 4
- Updating your email address to receive information* 4
- Interview with Lars Dittmann, iNTACS Vice President and Managing Director* 5

News from our Working Groups6

- Status of iNTACS Working Group “Exams”* 6
- Status of iNTACS Working Group “Modeling & Simulation SPICE”* 7

International SPICE Communities and Networks9

- Two new communities on our website for Austria & Slovenia/Croatia/Serbia* 9

SPICE related conferences10

News from our Certification Bodies11

- News from the VDA QMC®* 11

Disclaimer, Trademarks, and Imprint12

- Trademarks* 12
- Translations* 12
- Comments and Feedback* 13

News from the Executive Board

iNTACS e.V. Member Convention 2024

The 2024 iNTACS e.V. virtual member convention will take place on September 13th, 2024 (1:00 - 3:00pm CEST). Our members will receive the invitation and agenda by email and letter.

Of course, if there are any questions or requests, feel always free to contact the Executive Board (executive@intacs.info).

Info: Registered assessors are not "members" of the non-profit organization and will not receive an invitation nor are they allowed to join or vote. Only personal members and company members will be invited.

Changes in our intacs® "Assessor certification" procedure as of October 2024

The certification scheme for assessors and instructors will change on October 1, 2024. The old version "intacs06-004e_proc_cert_V9_3_LG.pdf" loses its validity on September 30, 2024. In this article we would like to present the main changes. Perhaps the most important change is the introduction of the "Process Expert" certification level. Please also note the revised EE concept. You will find all the documents after logging in to our website <https://intacs.info>.

Since the early 2000s, assessors and instructors have mainly been trained and certified to assess development organizations. There are currently more than 7,000 assessors worldwide.

Because the basis for the success of projects is laid at the start of the project, it is expedient to set-up and carry out projects in accordance with SPICE instead of later evaluating the process capability. In coordination with our partners, particularly the VDA® QMC® AK13, we have facilitated the introduction of this new certification stage. The Process Expert Training is primarily aimed at colleagues who work in technical development projects. This helps us to support the controllability, performance, and target achievement of development projects. The existing assessor levels remain unchanged. Assessors are not downgraded to the Process Expert level.

New rules for evaluating extensions have also been added. If extensions are assessed in an "official" assessment, at least one member of the assessment team must be a certified assessor and must have taken part in the extension training and passed the exam. For all details, please have a look at the article "Clarification of required assessor competency for usage of PAM extensions" below.

A section on the observation of candidates was added, which further details the requirements for observers. For example, an observer for a competent assessor candidate must be at least an intacs® Certified Competent Assessor who has led at least 5 assessments of category A or B (according to ISO/IEC 33002) themselves (as lead assessor). The Instructor Provisional Level observer must have conducted at least 5 intacs® Certified Provisional Assessor "or" intacs® Certified Process Expert and Provisional Assessor training sessions, excluding the observed training for the initial certification.

There are more changes described in the document, so please take your time to have a look. The new procedure will be available at the beginning of October 2024. Therefore, please login with your credentials, then click on "User" > "Downloads" > "Assessor Certification Documents" and finally "Procedures".

Clarification of required assessor competency for usage of PAM extensions

With the introduction of multiple PAM extensions, we received multiple questions which assessor qualification is needed to conduct assessments using a PAM extension to be in line with the ISO/IEC 33xxx/intacs® or VDA®/intacs® rules for Automotive.

- intacs® certified assessors are qualified for all passed PAM specific trainings, extension trainings and exams. Domain specific qualifications may apply.
- If PAM extensions are assessed in an "official" assessment, at least one assessment team member (lead or co-assessor(s)) must have taken part in the extension training and passed the exam.
- "Official" assessments are those that are carried out according to the valid ISO/IEC 33xxx/intacs® or VDA®/intacs® rules and for which EEs (Experience Evidence) are awarded.
- Technical experts are not a substitute for the additional qualification (PAM extension) of a qualified assessor and are not part of the assessment team. They are interview participants but are not an assessor substitute.

AUTOMOTIVE SPICE® 4.0 Upgrade Training in Japanese language has been released

iNTACS has released the training material for the AUTOMOTIVE SPICE® 4.0 Upgrade Training in Japanese language in July 2024. The training providers are already informed.

SPICE for IT Services - independent training and certification path from 2025

The iNTACS Working Group "SPICE for IT Services" will provide training material that will enable training of the model by experts and assessors for this PAM/PRM from 2025. This has become necessary due to increasing demand from industry and the community. The existing training will be further developed for this purpose so that also Competent Assessors can also be trained in the future. The certification scheme and associated rules will be adapted accordingly. iNTACS is thus creating a further, independent training and certification pathway. Please follow the latest information on our website: <https://intacs.info/training-center>.

Updating your email address to receive information

We will continue to send out information about events, G4S events, information letters and dates for pilot training courses by email. Experience from previous communications has shown that not all email data is up to date. We therefore ask you to keep this data up to date. This is the only way to ensure that you receive the relevant information. If you have any problems, please contact our User Support via usersupport@intacs.info.

Interview with Lars Dittmann, iNTACS Vice President and Managing Director

Interview by Rajesh Ganji and Christian Knüvener

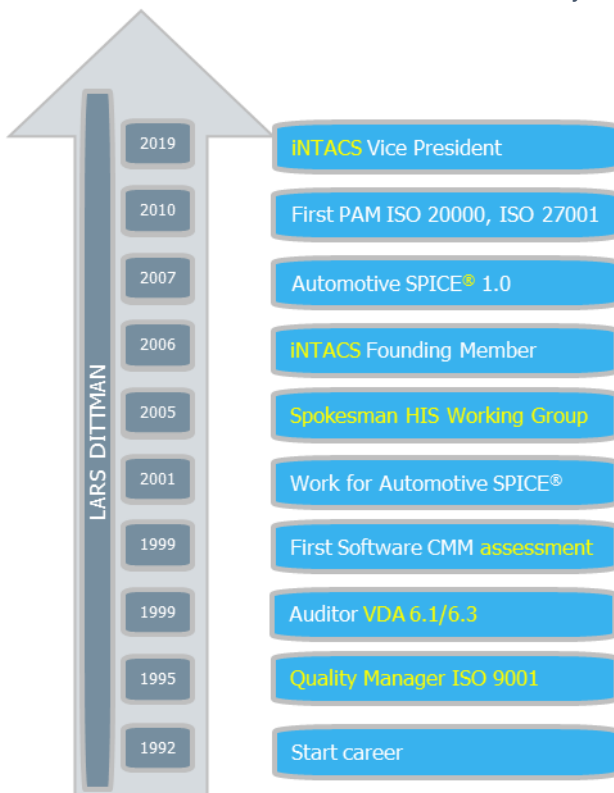


Figure 1: Important milestones for Lars Dittmann

Q: What drives you in this process world?

A: Deep in my heart I like quality, especially in software development as it supports and helps people to do things every day. For this, software should have good functionality and quality to ensure trust. Today software drives everything and quality in software matters the most. Over the last 35 years working in process and quality have laid this foundation. My current drive now is to ensure the future and next generation continues this legacy.

Q: What are your views / take on iNTACS and its future?

A: iNTACS was founded in 2006 and since then it has been continually growing. Primarily with the initial purpose of establishing a certification scheme for the automotive industry and with the publishing of ASPICE in 2007 (worked on this from 2004 to 2007).

The automotive industry needs its own certification scheme and today I can probably say that all assessors present and future look to iNTACS to continuously learn about ASPICE.

iNTACS also has been involved instrumentally in the ISO 15504 rollout and its transition to the 33000 series with industry hands-on experience and support.

Looking to the future, as we all know iNTACS partners with the VDA and the continuous the collaboration between the working groups shall result in one integrated process model for both the automotive industry and non-automotive industries with the opportunity to choose between part extensions both for assessors and assessments.

Q: Lars, as role model in the industry what message do you want to share with the next generation?

A: Take responsibility with discipline and devotion (irrespective of being a boss or an engineer) to integrate as a global community. Most importantly, have fun with your work to get the desired result.

	<p>Executive Board contact: Lars Dittmann (lars.dittmann@intacs.info)</p>
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News from our Working Groups

Status of iNTACS Working Group “Exams”

Standardization of Exams

With the introduction of training courses of various durations, there was the need to streamline the exam framework to embrace clarity and consistency across all exams.

As of October 1st, 2024, the examinations will be changed as follows: The number of exam questions / statements will be determined based on the number of training days according to the table below. This will also determine the duration of the exam and the extra time that candidates will receive in addition to the exam time if the language(s) of the exam is not their native language.


To pass an exam, approximately 75% of the questions must be answered correctly. The exact values can be found in the table below.

For many training courses, nothing changes as the scheme has already been applied there. As the duration of the 'intacs Certified Provisional Assessor' training is reduced from 5 to 4 days, the exam will also change accordingly.

Training days	No. of statements	Duration in minutes	Possible extra time in minutes	Threshold (~75%)
2	30	45	15	22
3	45	60	20	34
4	60	75	25	45
5	75	90	30	56
7	100	120	40	75

Table 1: New concept for exam questions

This information has already been communicated to the certification bodies and all Training Providers.

	<p>Contact: Frank Besemer (frank.besemer@intacs.info) iNTACS Working Group Lead “Exams”</p>
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Status of iNTACS Working Group “Modeling & Simulation SPICE”

Lack of trust in models and simulations essentially limits their usage and application. The aerospace industry started to tackle this problem thirty years ago and proposed some initial concepts, methods, and simulation maturity models. In the automotive industry, the development and approval of especially highly automated vehicles (ECE/TRANS/WP.29/2023/44 - New Assessment/Test Method for Automated Driving Guidelines for Validating Automated Driving System or EuroNCAP Vision 2030) is requesting reliable simulations for virtual testing. Similar pathways can be identified in other domains, like in Rail (CEN/TR 17833:2022 - Railway applications - Guidance for the use of simulations) or Healthcare (FDA-2021-D-0980 - Assessing the Credibility of Computational Modeling and Simulation in Medical Device Submissions), where regulators are essentially imposing specific requirements on models and simulations to be fulfilled.

These new boundary conditions put Modeling & Simulation into a new position and setting, and therefore also require new ways of doing and handling simulations. Quality Assurance of models and simulations is substantial for (physical and data-driven) informed decision support as well as decision-making.

With this background, the iNTACS WG “Modeling & Simulation SPICE” elaborated a specific PAM for essentially building trust in Modeling & Simulation. The current version (M&S SPICE v0.9) is published and accessible on the iNTACS website – v1.0 is scheduled to be released by the end of 2024 and the training would become available in Q2/2025.

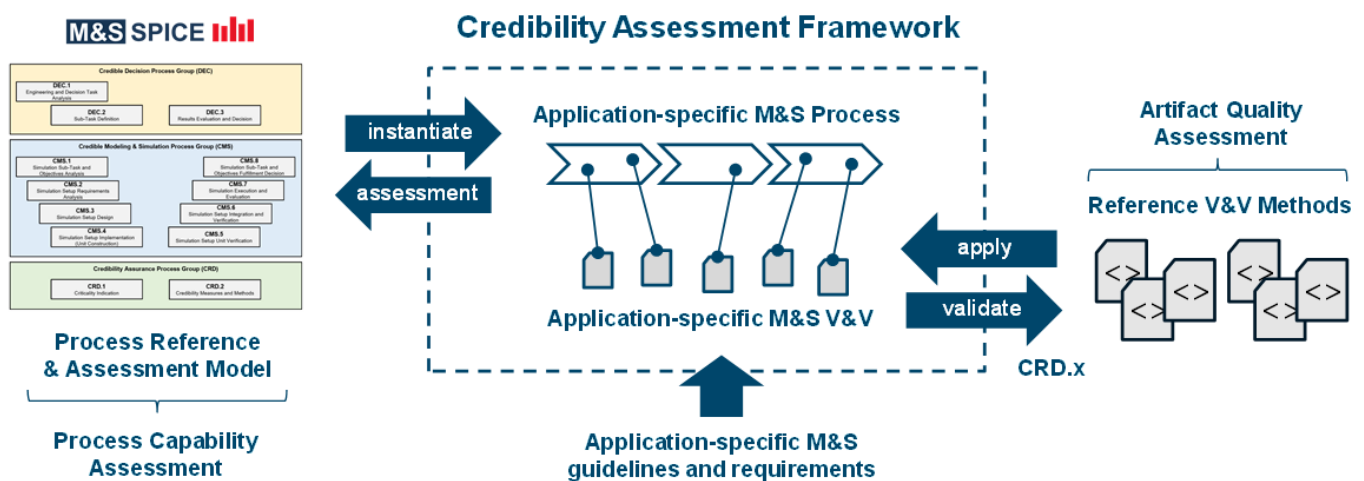


Figure 2: Credibility Assessment Framework

The Figure above indicates the relation of M&S SPICE to so called Credibility Assessment Frameworks for demonstration of quality-assured simulations, where M&S SPICE serves as a solid basis for quantification of modeling and simulation process capabilities (Figure from M&S SPICE v0.9 Specification).

The essential objectives of the working group are to provide a domain-independent “Modeling & Simulation SPICE” assessment model for structured application of Modeling & Simulation within the scope of model-based product development and operations, based on the “Credibility Simulation Process Framework” from the prostep ivip association and inspired by AUTOMOTIVE SPICE®.

Our objectives are:

- Transformation of simulation process frameworks into reference process entities according to the ISO/IEC 33xxx series.
- Definition of outcomes, information items and work products that detail process entities.
- Description of base practices and notes, supporting the implementation of the individual processes and the conduct of the individual assessments.
- Adoption and adaptation of suitable process entities from the AUTOMOTIVE SPICE® process reference model (SUP.x, MAN.x, etc.) that complement the core process entities for application of Modeling & Simulation.
- Ensuring applicability and compliance to published standards for provision of quality-assured models and simulations in diverse industrial domains.



Contact:

Martin Benedikt (martin.benedikt@intacs.info)

iNTACS Working Group Lead “Modeling & Simulation SPICE”

International SPICE Communities and Networks

Two new communities on our website for Austria & Slovenia/Croatia/Serbia

Slovenian/Croatian/Serbian (SI/HR/RS) Regional AUTOMOTIVE SPICE® Community

In 2024 the SI/HR/RS Regional AUTOMOTIVE SPICE® Community has been formed. A first “get to know each other” meeting was held in March with 17 participants from major automotive companies, where changes of AUTOMOTIVE SPICE® PAM 4.0 were discussed and the latest iNTACS certification updates were presented. The community has identified relevant topics for future discussion and agreed to meet each quarter. The third meeting is planned for the end of September 2024. If you are interested in knowing more, please contact the regional representative Damjan Ekert.

Austrian Regional AUTOMOTIVE SPICE® Community

In 2024 the Austrian AUTOMOTIVE SPICE® Regional Community was formed. After a successful start with the Slovenian/Croatian/Serbian Automotive SPICE Community in June, a first meeting with the Austrian AUTOMOTIVE SPICE® assessors was also held. The community decided to meet every four months and identified some topics of interest for discussions and exchange of experience. The second meeting is planned for the end of September 2024. If you are interested in knowing more, please contact the regional representative Damjan Ekert.



Contact:

Damjan Ekert (damjan.ekert@intacs.info)

Regional Representative for Austria/Slovenia/Croatia/Serbia

SPICE related conferences

This new section will announce SPICE related conferences.

Conference	Date	Location	More info
7th VDA Automotive SYS Conference China	4 th – 6 th September 2024	Shanghai, China	Link
Korean SPICE Network Conference	17 th – 18 th October 2024	Seoul, Korea	Link
First Asian SPICE Conference (ASCON)	21 st - 22 nd November 2024	Nagoya, Japan	Link and ASCON

Table 2: Upcoming SPICE related conferences

Korean SPICE Network Conference

The Korean SPICE Network (KSN) was established in 2016 to foster the Automotive SPICE community in Korea. This year we will hold our 9th annual KSN Conference on 17th & 18th October in Seoul.

The main topics are automated driving, cybersecurity, case study on process, and standardization.

Although online participation is not available, we are proud to have organized presentations from Hyundai Kia, Waymo, Volkswagen, VDA QMC AK13, etc.

The participation fee is 750,000 KRW.

To apply or if you have an enquiry, please contact shkim@kaata.or.kr (for English), hsryu@kaata.or.kr (for Korean). For more details, please see our iNTACS page: [link](#)

Very first Asian SPICE Conference

We, the Nippon SPICE Network (founded in 2010) are delighted to announce that we will organize the "Asian SPICE Conference (ASCON)" for the very first time in our history.

It will take place in Nagoya Japan from the 21st to the 22nd of November 2024, featuring speakers from CARIAD, Honda, Horizon, Hyundai-Kia, intacs, JAMA, JAXA, Mercedes-Benz AG, Nio, Nissan, Samsung Electronics and the VDA QMC.

This first commemorative conference is supported by all intacs Asian regional representatives (China, Korea, India, Japan, Singapore) as well as the intacs Advisory Board, as program committee members.

Here are four reasons for you to join this conference:

- Online participation possible: Of course, we would love to have you at the venue in person so we can inspire each other face to face, but online participation is also possible.
- Fully in English: All presentations will be written and spoken in English. Japanese translation is provided from the conference office and some other languages may also be supported by each country's ASPICE Network office.
- Reasonable participation fee (25,000JPY): The same price applies for either online or onsite participation. You can also access recorded videos for several weeks after the conference.
- EE-EP & EE-AC provided: EE-EP for participants and EE-AC for speakers will be provided.

To apply or if you have any inquiries, please contact tabuchi@biz3.co.jp

For more details, please see our iNTACS website: [link](#)

News from our Certification Bodies

News from the VDA QMC®

Any recommendations and/or change requests for the publications of the VDA QMC® regarding AUTOMOTIVE SPICE® PAM/PRM or the VDA® Guidelines can be submitted to the AK13 working group via email to info@vda-qmc.de with “AK13: ...” in the subject.



Contact:

Dr. Jan Morenzin (office@automotivespice.com)

Automotive SPICE Certification Office

Disclaimer, Trademarks, and Imprint

In case you would like to register or cancel your registration for this information letter, please log in to your account at intacs.info and edit this accordingly in the section “Newsletter Language”.

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The usage of logos for other purposes must always be approved in writing in advance by the respective rights holder. Any infringement may lead to a loss of the assessor’s certification and may trigger legal consequences.

Please also mind the statements in the “[Application for Assessor Certification](#)” document signed by each assessor for the first and re-application of the assessor license.



Used trademarks in this document:

- AUTOMOTIVE SPICE®, ASPICE®, VDA® and QMC® are registered trademarks of VDA Verband der Automobilindustrie e.V., 10117, Berlin, Germany
- Modeling & Simulation SPICE is a registered (EU) trademark of SETLabs Research GmbH, 80687 Munich, Germany
- iNTACS®, intacs® and Agile SPICE are registered trademarks of International Assessor Certification Scheme e.V. (iNTACS e.V.), 51147, Köln, Germany

Translations

All translations are based on the English version of this information letter. The English version is always the leading version. This information letter and all translations are property of iNTACS e.V.

Thanks to the translators and reviewers for supporting us in translating this information letter.


	<p>Chinese translation: Yawen (Evan) Hou Member of iNTACS Working Group “Information Management”</p>
	<p>Korean and Japanese translation: Kwangho Che iNTACS Regional Representative KOREA</p>

Comments and Feedback

Your feedback and comments are greatly appreciated! Please do not hesitate to contact us via the email address below.

All the best,

Thomas Kömmerling & the “Information Management” Working Group team

	<p>Contact: Thomas Kömmerling (thomas.koemmerling@intacs.info) iNTACS Working Group Lead “Information Management” Member of the Advisory Board</p>
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