



Gate4SPICE

Guyancourt @ Renault / Ampère
6/2/2025

Christophe Debou (Regional Representative *France* *+ French speaking part of Belgium and Switzerland*)

Christophe Debou is a principal consultant and Automotive SPICE Principal assessor at Kugler Maag Cie by UL Solutions.

Christophe has more than 32 years of experience around system and software engineering, quality assurance and process improvement, mainly gathered in the telecommunication and automotive industries.

First acquaintance with process maturity models started already in the early 90's with CMM, then CMMI and Automotive SPICE.

Christophe has published numerous articles around process improvement and also held speeches at international conferences and forums.

Consulting, training and assessment experience were gathered in various cultural and geographical environment, western, central and eastern Europe, North America and East Asia (South Korea).

Beyond Consulting, Christophe was in the 2000's Vice President of leading software house in Poland, responsible for the telecommunication business unit.

Christophe has lived in 5 different European countries and speaks French, English, German, Polish and a little bit of Korean.



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Agenda

Start	End	Topic	Owner
9:00	9:30	Registration	
9:30	9:40	Welcome and Introduction	Christophe Debou
9:40	10:00	Introduction to Ampère	Jérôme Bouquet (Renault , Ampère)
10:00	10:40	Agile in Automotive and Automotive SPICE: Status Quo	Christophe Debou, (Kugler Maag Cie GmbH by UL Solutions)
10:40	10h55	Coffee Break	
10:55	11:35	Comment assurer la maitrise qualité des SW et l'adhérence ASPICE dans un développement itératif	Régis Massés (Renault , Ampère)
11h35	12h15	How can you deliver value increments at the end of each iteration while meeting SYS 1, SYS2, SYS 3, SWEng.1 to 5 objectives?"	Xavier Chevalier (Valeo)
12h15	12h45	SPL.2 Challenges	Sébastien Gebus (Valeo)
12:40	13:50	Lunch Break	
13:50	14:00	Introduction and selection of workshop topics	Christophe Debou (Kugler Maag Cie GmbH by UL Solutions)
14:00	15:15	Working groups	
15:15	15:30	Coffee Break	
15:30	16:15	Presentation of workshop results and group discussion Identification of topics for next G4S	Working Group Leaders
16:15	16:30	Closing & Feedback	
16:30		End	

Workshop - Organisation

- Un modérateur est alloué à chaque groupe de travail
- Nommer un porte-parole du groupe pour la présentation en Plenum
- Documentation des résultats sur le Flip Chart / PPT
 - Status Quo – Description du point de départ / Problématique
 - Solutions – Alternatives
 - Conclusions
 - Actions
- Préparer une présentation de 10 minutes maximum

Workshop - Subjects

1. A-SPICE compliance & traceability in a SAFe framework organized projet: success stories & challenges
2. SUP.1 and Agility
3. SPL.2: Do we need a separate process description?



AMPERE

WORKSHOP 1
A-SPICE COMPLIANCE & TRACEABILITY IN A SAFE FRAMEWORK
ORGANIZED PROJET
SUCCESS STORIES & CHALLENGES

11/02/2025

AGILE / SAFE & A-SPICE - IRRECONCILABLE CONTRADICTIONS OR WINNING COMBINATION ?



AGILE & SAFE FRAMEWORD

Rapid iterations
Early and incremental release cycles,
Flexibility, and rapid prototyping
Integrated testing in CI

Prioritize interactions over documentation

Agile teams operate in sprints (shor time periods)
Production-ready code in delivered in weeks

Requirements can be modified along
the project
Shortened time to market



AUTOMOTIVE SPICE



Systematic V-cycle interactions
One phase after the other
Verification and Validation model : a test phase
for each developpement phase

Well-documented software

Teams operate in a milestone based
project (phase by phase)
Code is delivered after all phases

Requirements are fixed at the first phase of the project



Can ASPICE and Agile be **harmoniously** integrated ?
Two powerful tools joined together with a **good balance** and **one single objective**: deliver quality SW with a
good time to marked



WHAT IS SAFE AGILE FRAMEWORK?

SAFe® 6.0

Select SAFe configuration

BIG PICTURE

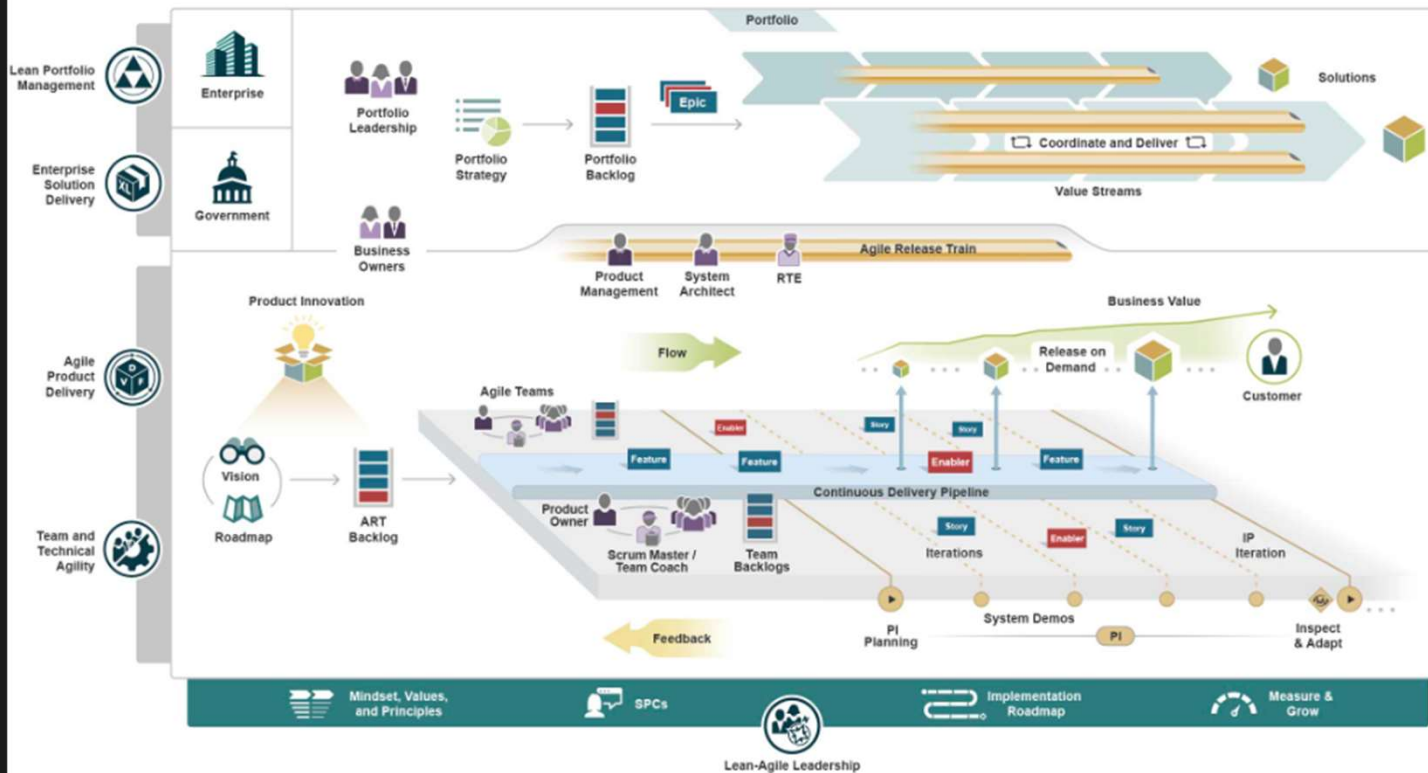
CORE COMPETENCIES

ESSENTIAL

LARGE SOLUTION

PORTFOLIO

FULL



SAFe® Overview in 5 Minutes

SCALED AGILE®
Provider of SAFe

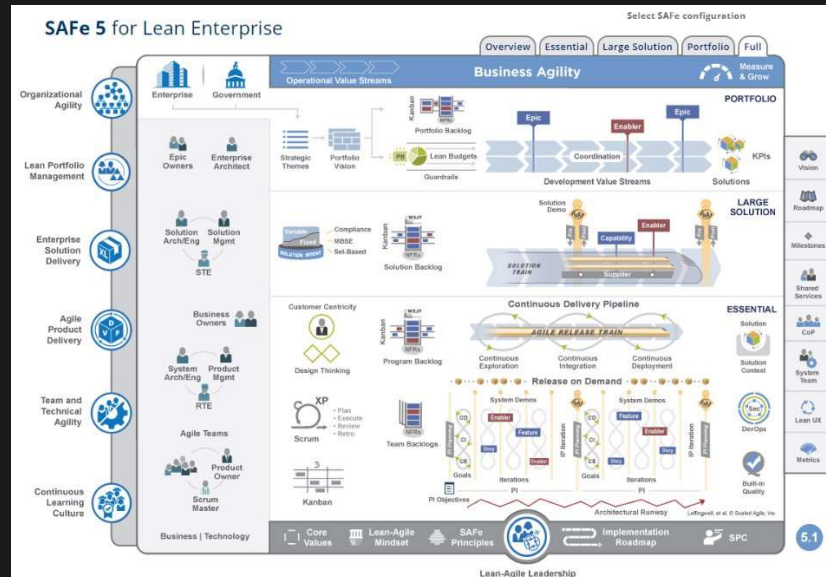
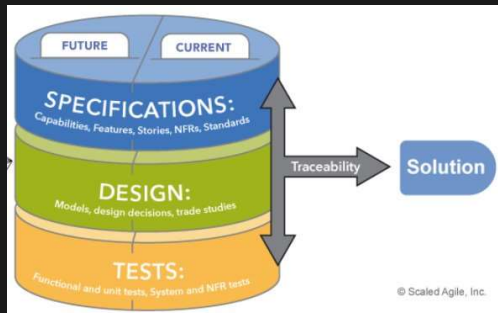
SAFe is an enterprise-level framework for implementing agile practices across large organizations. It provides a structured approach to scaling agile development, enabling companies to align teams, improve collaboration, and deliver value more efficiently by integrating lean and agile principles across multiple departments and teams.

AGILE/SAFE & A-SPICE - IRRECONCILABLE CONTRADICTIONS OR WINNING COMBINATION ?

Sujets

- Convertir le cahier de chages en user story?
- Comment plannifier les features ?
- Comment maintenir la traceabilité et garder les evidences?

Solution intent --> est-ce la solution au problème



AGILE / SAFE & A-SPICE - IRRECONCILABLE CONTRADICTIONS OR WINNING COMBINATION ?



Solution intent → peu évoqué dans les formations SAFE
Combinaison outil de gestion de projet et ALM (Jira & CodeBeamer)

Automatisation

La CI est un element très important de l'agilité
Sans automatisation des tests il est difficile d'appliquer l'agilité

Difficultés

- Application des definitions of done
 - Automatiser la fermeture des tickets selon la definition of done
- Separation de types de enablers
- Gestion de configuration – comment on baseline?

Questions

- Est-ce que le IA peut aider à faire la traceabilité?

Workshop 2 - Wrap up SUP.1 & Agility

- Quality engineer is someone assigned outside of the SCRUM model as A-SPICE requests the activity to be independent
- SWQA engineer contributes to the reviews but not to build the deliverables
- SWQA engineer can do some coaching to help development teams to build deliverables and using of tools
- SWQA engineer is in interaction (as a support, to push quality aspects) with sprint planning, retrospective, weekly meeting and is aware of reviews
- SWQA engineer is the basis of the alert mechanisms
- SWQA engineer provide a statement to release or not to the customer the SW and escalate if decision is not aligned with Quality statement
- SWQA engineer is working at SCRUM level depending of the risk assessment
- SWQA engineer is based on random picking to evaluate Quality
- SWQA engineer is recording non-conformity which can become a defect to be manage in the team backlog or a process improvement
- SWQA engineer will adapt his activity in relation with the DoR and the DoD of each PI in agreement with the SWQA plan

Workshop 3 results – SPL.2

Refer to attachment – Presentation SPL.2 from Sebastien Gebus.

Discussion – Next Events

- Gate4SPICE:
 - Q3-Q4 2025
 - Who wants to host it?
 - Subjects
 - First return on experience on ASPICE 4.0
 - ...
- Remote Workshops (date o be agreed)
 - ??
 - .

List of Potential Subjects for Remote Workshops

Sujet	Vote	Priority
Continuation of workshop – Safety / ASPICE integration (Assessment, Audits) –> eventually input from Intacs WG. Comparison table ASPICE ISO 26262. Example of combined ASPICE Assessment FUSA Audits.	X	Q2 2024 or Q3 2024
OTA/CS – ASPICE , maintenance (covered by CS requirements not by ASPICE). Impact pour équipementier Descryptage échange avec constructeur -> processus différent	X	Q4 2024 or later
Reuse (Platform, Legacy) and A-SPICE assessments –> Continue the workshop from G4S	X	Q2 or Q3
Process standardization when merging several organizations –> CLOSED		
Agile and Automotive SPICE –> G4S		
Impact 4.0 ; Wait for experience return - ROADMAP from OEM	X	Late 2024, 2025
Role of Quality in project i.e. 1) Audit, explanation of NCs to the team 2) coaching. Define the boarder, resp split. Presentation of example organization, SUP.1, PIM.3 expectations	X	Q2 2024 or Q3 2024
Definition of process instances, criteria, Versus ACQ.4. Pros and Cons of ACQ.4 / Instance	X	Q3 /Q4 2024
Machine Learning, introduction to concepts, possibly first return on experience	X	2025
IA and Automotive SPICE (Generation de TCs, ...) respectively AI-based products (see previous topic)		
Measurement and Analysis MAN.6		
Agility and sys.1 (OEM Demand)		
Management of escalation: means, criteria, ... (QA, PM, ...), prioritization of findings		