

ISO 15504 SPICE

Erste Eindrücke

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Stand der Dinge

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ISO/IEC 15504 PUBLICATION STATUS

- **ISO/IEC 15504 Parts 1, 2, 3 and 4 – published**
- **ISO/IEC 15504 Part 5 - FDIS ballot closes February 2006**
- **ISO/IEC 12207 AMDs 1 and 2 – published**
- **ISO/IEC 15504 Parts 6 and 7 - New work items approved**
- **Part 6 Exemplar Systems Assessment Model**
- **Part 7 Assessment of Organizational Maturity**

9. Februar 2006

- **ISO/IEC 15504 Part 5 – Exemplar Process Assessment Model has successfully passed the FDIS ballot stage. Following minor editorial changes it will proceed immediately to publication.**

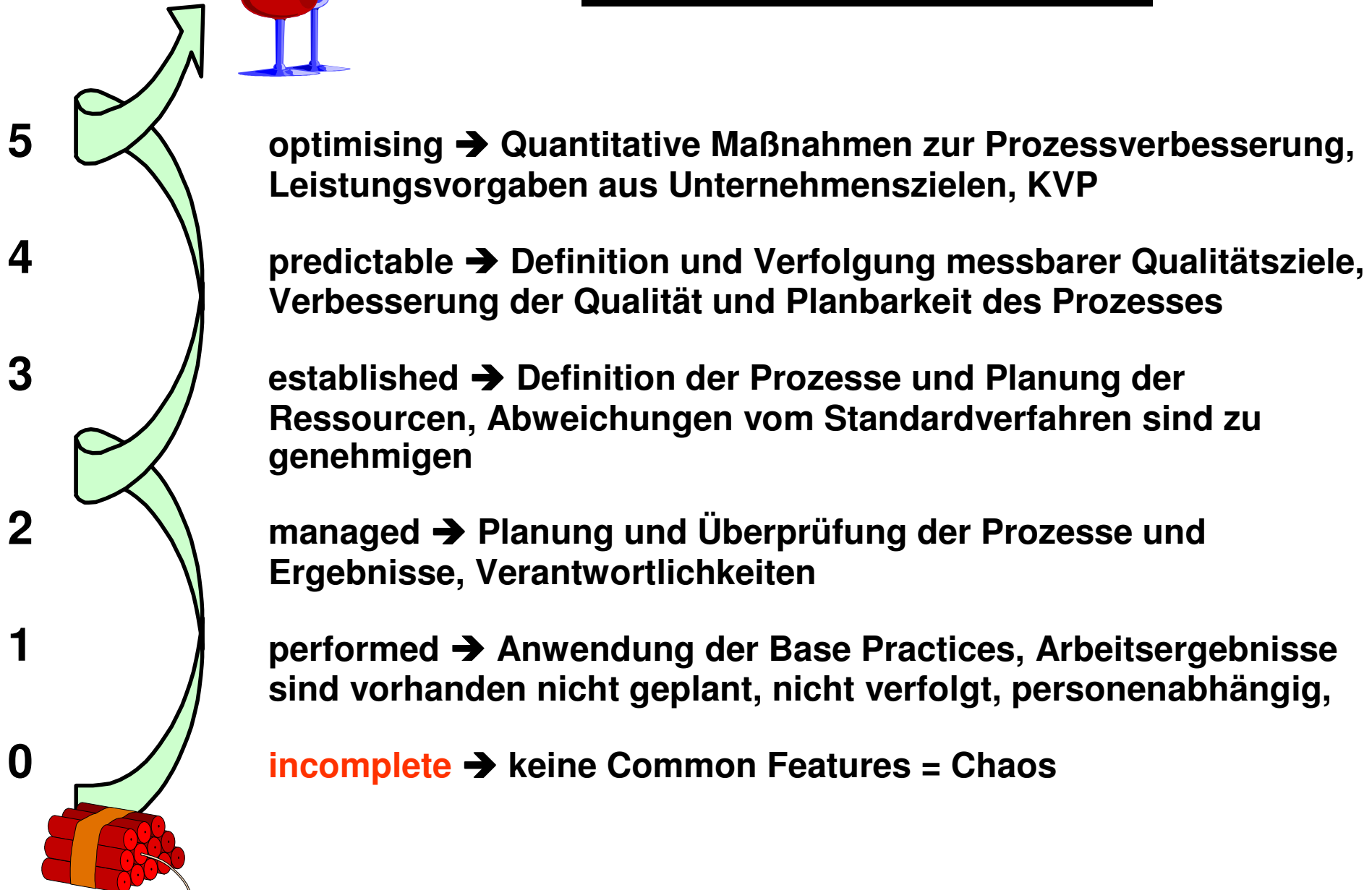
Quelle: http://www.isospice.typepad.com/isospice_assessment_model/

Es gibt 9 Prozesskategorien

Acquisition	Processes that are performed by the customer or by the supplier when acting as a customer for its own suppliers, in order to acquire a product and/or service.
Supply	Processes performed by the supplier in order to propose and deliver a product and/or a service.
Engineering	Processes that directly elicit and manage the customer's requirements, specify, implement, and/or maintain the software product and it's relation to the system.
Operation	Processes performed in order to provide for the correct operation and use of the software product and/or service.
Supporting	Processes that may be employed by any of the other processes at various points in the life cycle
Management	Processes that contain practices that may be used by anyone who manages any type of project or process within a software life cycle.
Process Improvement	Processes performed in order to define, deploy, assess and improve the processes performed in the organizational unit.
Resource and Infrastructure	Processes performed in order to provide adequate human resources and necessary infrastructure as required by any other process performed by the organizational unit.
Reuse	Processes performed in order to systematically exploit reuse opportunities in organization's reuse programmers.

Quelle: http://www.isospice.typepad.com/isospice_assessment_model/

Es gibt 6 Reifegrade?



Reifegrade werden durch Prozessattribute beschrieben

5	optimising	Continuous Improvement
	PA.5.2	Process Optimization
	PA.5.1	Process Change Innovation
4	predictable	
	PA.4.2	Process Control
	PA.4.1	Process Measurement
3	established	
	PA.3.2	Process Resource Deployment
	PA.3.1	Process Definition
2	managed	
	PA.2.2	Work Product Management
	PA.2.1	Performance Management
1	performed	
	PA.1.1	Process Performance

Common Features

Quelle: http://www.isospice.typepad.com/isospice_assessment_model/

Der SPiCE-Assessor hat eine vierstufige Skala zur Bewertung eines Prozesses

N	not achieved 0% to 15%	- nicht erreicht
P	partially achieved 16% to 50%	- teilweise erreicht
L	largely achieved 51% to 85%	- größtenteils erreicht
F	fully achieves 86% to 100%	- vollständig erreicht

Die ISO 15504 ist ein Meta-Modell

- ⇒ ISO 15504 beinhaltet das alte SPiCE-Modell als Beispiel
- ⇒ CMMI und andere Modelle können mit ISO 15504 bewertet werden
- ⇒ Zum Beispiel Automotive-SPiCE:
 - Process Assessment Model – PAM
 - Process Reference Model – PRM
- ⇒ SPiCE for SPACE (S4S)
für sicherheitskritische Systeme in der Raumfahrt