intacs™

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The intacs™ scheme

Fabio Bella
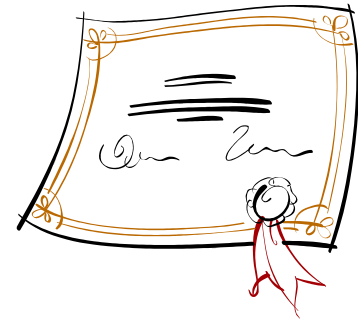Milano, 1 Dicembre 2011

What is intacs^{TM} ?

- **intacs^{TM} (<u>I</u>nternational <u>A</u>ssessor <u>C</u>ertification <u>S</u>cheme)**
  - Independent and legally registered not-for-profit organization
  - Open and transparent operations in an honorary capacity
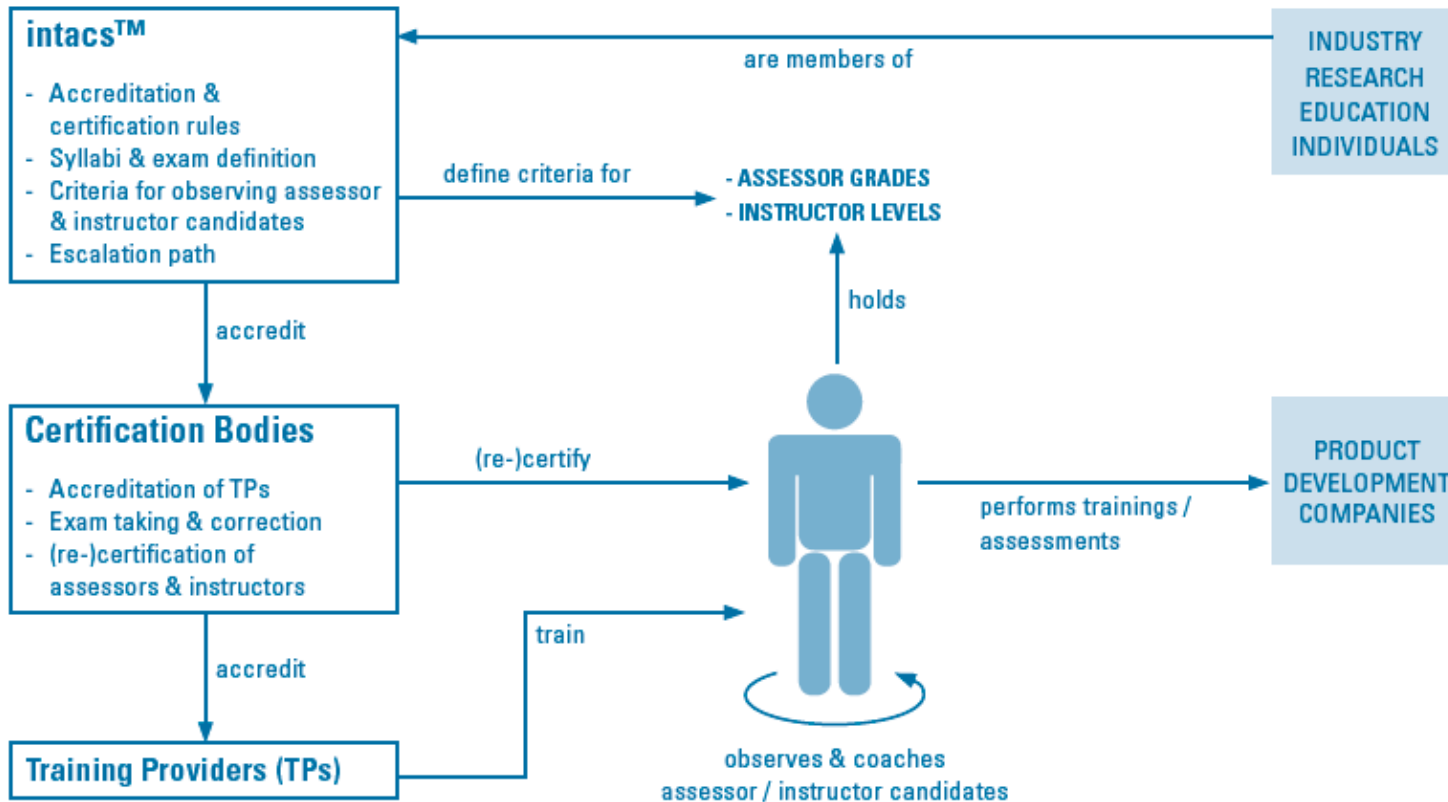 - Global presence, multilingual

- **Main objective**

  Ensuring high quality assessment performance through

  - setting training and certification standards for ISO/IEC 15504 assessors
  - setting standards for maintaining assessor competence
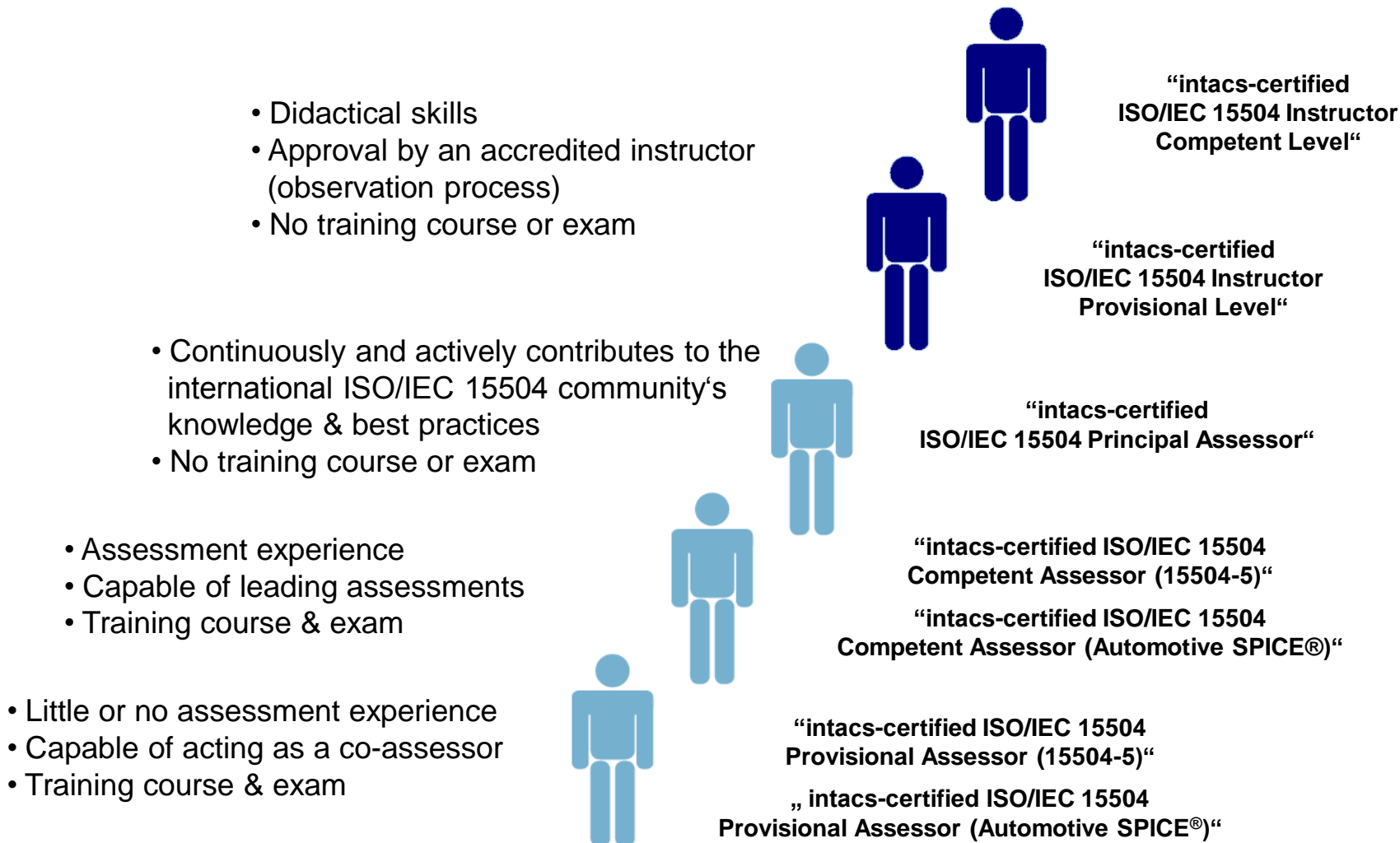 - promoting assessment models & community interactions

http://www.intacs.info

THE intacs™ SCHEME

intacs™ grades – brief overview

- Didactical skills
- Approval by an accredited instructor (observation process)
- No training course or exam

"intacs-certified ISO/IEC 15504 Instructor Competent Level"

"intacs-certified ISO/IEC 15504 Instructor Provisional Level"

- Continuously and actively contributes to the international ISO/IEC 15504 community's knowledge & best practices
- No training course or exam

"intacs-certified ISO/IEC 15504 Principal Assessor"

- Assessment experience
- Capable of leading assessments
- Training course & exam

"intacs-certified ISO/IEC 15504 Competent Assessor (15504-5)"

"intacs-certified ISO/IEC 15504 Competent Assessor (Automotive SPICE®)"

- Little or no assessment experience
- Capable of acting as a co-assessor
- Training course & exam

"intacs-certified ISO/IEC 15504 Provisional Assessor (15504-5)"

" intacs-certified ISO/IEC 15504 Provisional Assessor (Automotive SPICE®)"

intacs^{TM} is organized into two boards

Executive Board

- **Public relations**
- **Maintain bylaws & statutes**
- **Appoint and dismiss Advisory Board members**
- **Escalation path for issues pertaining to assessments and assessors**

Advisory Board

- **Implement change requests & suggestions from community**
- **Conduct arbitration proceedings**
- **Set up & supervise working parties**

  (list of working parties see intacs.info → Main Menue)

Accredited certification bodies

- **For ISO/IEC 15504 Parts 5,6 and 8, SPICE 4 SPACE, Medi SPICE, Finance SPICE**

  iSQI® International Software Quality Institute

  www.isqi.org

- **For Automotive SPICE®**

  VDA QMC

  www.vdaqmc.de

Assessor qualification statistics (as of July 1st 2011)

	VDA QMC	**iSQI**
Registered assessors	**373** (in 18 countries)	**142** (in 9 countries)
Provisional	273	110
Competent	57	17
Principal	43	15
Instructors – Provisional level only	7	
Instructors – Competent level	16	

Exams taken – Provisional level	**524**	**806**
Passed	**442 (= 84%)**	**617 (= 76%)**
Failed	**65 (= 12%)**	**189 (= 14%)**
Exams taken – Competent level	**35**	**0**
Passed	**31 (= 88%)**	0
Failed	**4 (= 12%)**	0

intacs™ Regional Representative

- **…is an individual or a board which**

  - act as an interface between intacs™ Advisory Board and the ISO/IEC 15504 community in their local region
  - represent local points of contact for certification bodies and the ISO/IEC 15504 community

Summary

- **intacs™ is an international independent not-for-profit initiative for ensuring high assessment results quality through high assessor competence**

- **intacs™ advocates the concept of a self-regulating community**

- **Credibility and independence of assessor qualification is established by having 3 separated types of institutions, i.e.**
    - intacs™ Executive & Advisory Board
    - Certification bodies
    - Training providers

- **An assessor shares and advances his/her knowledge and experience by attending various types of ISO/IEC 15504- or process improvement-related events**

![intacs.info International Assessor Certification Scheme™]

Thank you for your attention.
Questions? Comments?

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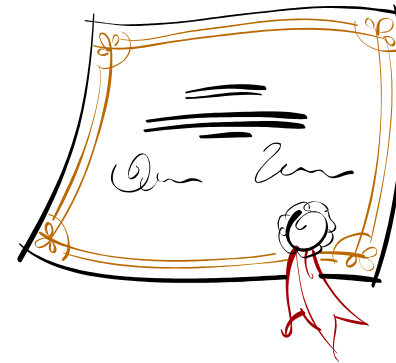
Backup

intacs^{TM} industry domain support

- **intacs^{TM}**
    - is adaptable to any industry domain and business areas
    - supports any ISO/IEC 15504-compliant approach

- **At present**
    - Aerospace
    - Automotive
    - Medical Devices
    - Banking & Finance

- **intacs^{TM} is the scheme accepted by the automotive industry and the HIS / VDA AK 13**

    (i.e. working group responsible for defining process requirements for OEMs and suppliers)

Community relations and experience exchange

- **Platforms and networks for assessors, objectives:**
    - Boost experience exchange between assessors
    - Facilitate consistent interpretation of ISO/IEC 15504 and related PAMs
    - Collect change requests for PAMs
    - Support translation of ISO/IEC 15504

- **Gate4SPICE**
    - 23 events (2005-2010)
    - 20 participants per session in average

GATE 4 SPiCE

**hosted on
http://www.intacs.info**

- **International conferences and symposiums, e.g.**
    - see list of events on www.intacs.info

Making contact to institutions and individuals

- **See www.intacs.info → community menue for**

    - certified assessors
    - accredited instructors
    - accredited training providers
    - accredited certification bodies

    - Executive Board members
    - Advisory Board members
    - Regional Representatives

    - conferences and events accepted as EE3 and EE4
      (details see Appendix)

intacs™ detailed requirements for receiving an assessor certification

Provisional (valid for 3 years)	■ **4 years of professional experience in development of technical complex systems or process quality assurance highly recommended** ■ **Passed Provisional course exam for corresponding PAM (not older than 12 months),** **or TR 15504, Bootstrap assessors, CMM Lead Assessors, SCAMPI Lead Appraisers** ■ **No assessment experience required** ■ **No EE required**
Competent (valid for 3 years)	■ **4 years of professional experience in the development of technical complex systems or process quality assurance required** ■ **intacs™ certification Provisional** ■ **Passed Competent training and exam for corresponding PAM (not older than 12 months)** ■ **5 EE of Type 1 in last 60 months (at least 4 out of 5 with corresponding PAM)** ■ **Positive assessment lead observation by an intacs™ certified Competent or Principal assessor**
Principal (valid for 3 years) **(PAM-independent)**	■ **6 years of professional experience in the development of technical complex systems or process quality assurance required** ■ **intacs™ certification Competent** ■ **6 EE of Type 1 in last 60 months not including the EE for having gained Competent grade (at least with two different PAMs)** ■ **2 EE of Type 4**