WHAT IS THE ISTQB®?

• ISTQB®: International Software Testing Qualifications Board (www.istqb.org):
  – Non-profit association
  – Founded in 2002
  – Headquartered in Belgium
  – Has its own constitution, rules and regulations
  – Composed of volunteer international Testing Experts
  – Responsible for the “ISTQB® Certified Tester” scheme worldwide

• ISTQB® is the world’s leading organization for Software Testing Certification

Advancing the software testing profession
• ISTQB® Smartshow introduces the ISTQB® Certification

http://www.youtube.com/watch?v=HrK1zhqyW4k
“To continually improve and advance the software testing profession by:
Defining and maintaining a Body of Knowledge which allows testers to be certified based on best practices, connecting the international software testing community, and encouraging research.”
1) We promote the value of software testing as a profession to individuals and organizations.

2) We help software testers to be more efficient and effective in their work, through the certification of competencies.

3) We enable testers to progress their career through a Professionals’ Code of Ethics and a multi-level certification pathway that provides them with the skills and knowledge they need to fulfil their growing responsibilities and to achieve increased professionalism.

4) We continually advance the Testing Body of Knowledge by drawing on the best available industry practices and the most innovative research, and we make this knowledge freely available to all.

5) We set the criteria for accrediting training providers, to ensure consistent delivery of the Body of Knowledge, worldwide.
6) We regulate the content and coverage of exam questions, the examination process, and the issuing of certifications by official examination bodies.

7) We are committed to expanding software testing certifications around the world, by admitting member boards into the ISTQB®. These boards adhere to the constitution, bylaws, and processes defined by the ISTQB®, and participate in regular audits.

8) We nurture an open international community, committed to sharing knowledge, ideas, and innovations in software testing.

9) We foster relationships with academia, government, media, professional associations and other interested parties.

10) We provide a reference point against which the effectiveness of testing services can be evaluated, by maintaining our prominence as a respected source of knowledge in software testing.
ISTQB® VALUE CHAIN
ISTQB® ECO-SYSTEM

ISTQB®
- Creation of new syllabi
- Definition of worldwide rules
- Working Group activities

Exam Provider
- Exam administration
- Issue of certificates

(Member Board)
- Translation/ release of new syllabi
- Accreditation of training providers
- Creation and release of exam questions
- Adoption of ISTQB® rules
- Contribution to ISTQB® Working Groups
- Exam Administration
- Issue of certificates

Certified Tester

Accredited Training Provider
- Creation of course materials
- Delivery of courses
ISTQB® WORKING GROUPS (WGs)

- Training Providers
- Exam Providers
- Member Boards

ISTQB® GENERAL ASSEMBLY

- Glossary WG
- Foundation WG
- Advanced WG
- Expert WG
- Executive Committee
- Governance
- Product Development Steering Committee
- TBOK WG
- Exam WG
- Release Management
- Marketing WG
- Audit WG
- Processes WG
CONTENTS

1 Introduction to ISTQB®
2 Benefits
3 Syllabi and Extensions
4 Exams
5 ISTQB®: Worldwide Footprint
6 ISTQB® Partner Program
7 Special Initiatives
8 Contacts
Software Testing Market Challenges

Shortage of Skilled Labor

• Technavio, an independent technology research and advisory company, analyzed the key challenges faced by the Global Software Testing Services market, highlighting in particular the “Shortage of Skilled Labor”

• The Global Pure Play Software Testing Services market is growing rapidly, thus increasing the demand for skilled labor. However, this has created a disparity in supply and demand, as a result of which, sourcing and retaining skilled labor has become a challenge.

• The shortage of availability of required skills is now becoming a major challenge for the independent software testing organizations.

Since the current educational system is not geared up to the required standards and demands of the market, this challenge is expected to have a bigger impact on the market in the future.

(Global Software Testing Services Market 2011-2015, Technavio)
As part of its commitment to continuous improvement and the advancement of the software testing profession, in 2013 ISTQB® conducted an international online survey for test engineers and managers.

The survey was open from June to September 2013 and several thousand responses were received from almost 70 countries; in particular, respondents were:

- 2855 test engineers
- 779 test managers

In the remainder of this presentation, references will be made to some key results of the survey.

The full report is available for free download from the ISTQB® Web Site.
BENEFITS FOR PROFESSIONALS

- International recognition of acquired competencies and skills
- Authorized to use the “Certified Tester” logo (specifying the level of certification)
- Whole of career path support, from Foundation to Expert level
• Would you recommend the ISTQB® Foundation Level (CTFL) certification to your colleagues?

Both Test Engineers and Test Managers are highly satisfied with the ISTQB® CTFL certifications and happy to recommend these to their colleagues (91% - Test Engineers, 94% - Test Managers).
BENEFITS FOR COMPANIES

• ISTQB® certification can provide a competitive advantage for companies, promising a higher level of reliability of the applications being developed due to efficient and cost effective testing practices derived from the ISTQB® competencies

• Consulting companies with certified staff can offer higher-level services to customers, increasing revenues and brand value

• ISTQB® has defined a “Partner Program” for companies that engage a large number of certified testers
• As a Test Manager, what percentage of your testing staff would you like to see certified at the ISTQB® Foundation Level?

Test Managers appear to see a high value in having their staff trained and certified. Around 88% of Test Managers would like to see more than half of their testing staff being certified at the ISTQB® Foundation Level. On average, the desired number of certified staff is 75%.
BENEFITS FOR ATPs
(Accredited Training Providers)

• Educational institutions and consulting companies may become an ISTQB® Accredited Trainer Provider according to processes and rules defined at the international level

• Accredited Training Providers ensure a high standing of training is delivered through having:
  • certified trainers
  • the content, quality and syllabus coverage of training materials checked by ISTQB® Boards
  • advance notice of changes to the ISTQB® Glossary and syllabi

• Accredited Training Providers are entitled to use relevant logos and are listed in the ISTQB® Website
BENEFITS FOR ATPs - SURVEY

• How significant do you think the training was in your certification success?

Test Engineers

- Very Insignificant: 4%
- Insignificant: 4%
- Neutral: 24%
- Significant: 38%
- Very Significant: 30%

Almost 70% of the survey participants felt that formal training was a significant part of their certification success.

The ISTQB® provides strong support for training providers and accredited training will continue to be an integral part of certification success.

Test Managers

- Very Insignificant: 5%
- Insignificant: 6%
- Neutral: 23%
- Significant: 43%
- Very Significant: 23%
CONTENTS

3  Syllabi and Extensions
   3.1 General Introduction
   3.2 Foundation Level
   3.3 Agile Tester
   3.4 Advanced Level
   3.5 Expert Level
ISTQB® SYLLABI AND GLOSSARY

• ISTQB® has defined three levels of syllabi:
  ➢ Foundation
  ➢ Advanced (Test Manager, Test Analyst, Technical Test Analyst)
  ➢ Expert (Improving the Testing Process, Test Management, Test Automation, Security Testing, etc.)

• Syllabi are publicly available for download from the ISTQB® Website (http://www.istqb.org/downloads.html)

• Syllabi are written by testing experts and continuously reviewed and improved

• Terms used in the ISTQB® syllabi are defined in the ISTQB® Glossary (http://www.istqb.org/downloads/viewcategory/20.html)

• Syllabi and Glossary are translated in many languages by the ISTQB® Member Boards; please refer to their Websites to download free-of-charge the documents translated into local languages
CONTENTS

3 Syllabi and Extensions
  3.1 General Introduction
  3.2 Foundation Level
  3.3 Agile Tester
  3.4 Advanced Level
  3.5 Expert Level
### ISTQB® FOUNDATION LEVEL

<table>
<thead>
<tr>
<th>ISTQB®</th>
<th>FOUNDATION LEVEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Fundamentals of Testing</strong></td>
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<tr>
<td></td>
<td>Why is Testing Necessary?</td>
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<tr>
<td></td>
<td>Seven Testing Principles</td>
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<td></td>
<td>Fundamental Test Process</td>
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<td></td>
<td>The Psychology of Testing</td>
</tr>
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<td></td>
<td>Code of Ethics</td>
</tr>
</tbody>
</table>

**ISTQB® - June 2014**
• As a Test Engineer, what was your motivation in obtaining your ISTQB® CTFL certification?

The majority of Test Engineers took the ISTQB® CTFL certification in order to enhance their career path (80%) and develop their testing skills (70%). Some believe it will help them get more recognition from their colleagues (25%) or increase their income (20%).
As a Test Manager, what was your motivation to have your employees achieve ISTQB® Foundation Level (CTFL) certification?

The majority of Test Managers believe that participating in the ISTQB® certification scheme will positively impact testing quality in their projects (75%), and will enable them to provide positive career path to their employees (55%).

Some Test Managers believe their company image will improve (30%) as a result of having their employees participate in the ISTQB® certification.
CONTENTS

3 Syllabi and Extensions

3.1 General Introduction

3.2 Foundation Level

3.3 Agile Tester

3.4 Advanced Level

3.5 Expert Level
In order to satisfy the increasing demand for vertical testing competences, ISTQB® has introduced the concept of “Extension”

An “Extension” is a training and certification module focused on a specific topic, for instance:
  – Domain-specific testing practices
  – Specific Testing Techniques
  – Specific Testing Methods

The ISTQB® Foundation Level Certification is a pre-requisite

The first extension is focused on “Agile Tester”, released in June 2014

MBT (Model-Based Testing) extension is also in road-map
Would you be interested in Agile Tester certification?

Approximately 85% of the respondents are definitely or possibly interested in Agile testing certification. With the planned release in early 2014 of the Agile tester certification extension to the Foundation Level, ISTQB® is well-positioned to respond to the expected demand.
THE CONTRIBUTION OF AGILE TESTERS

- Agile testers should:
  - Collaborate in an agile team, being familiar with agile principles and practices
  - Adapt existing testing experience, knowledge, and best practices
  - Support the agile team in planning test related activities
  - Apply relevant test methods and techniques
  - Assist in test automation
  - Help business stakeholders define understandable and testable user stories and acceptance criteria
  - Work and share information with other team members

- An ISTQB® Agile Tester should work effectively within an agile team and environment
ISTQB® FOUNDATION LEVEL
AGILE TESTER

- Agile Software Development
- Fundamental Agile Testing Principles, Practices and Processes
- Agile Testing Methods, Techniques and Tools

- The Fundamentals of Agile Software Development
- The Differences between Testing in Traditional and Agile Approaches
- Agile Testing Methods

- Aspects of Agile Approaches
- Status of Testing in Agile Projects
- Assessing Quality Risks and Estimating Test Effort

- Role and Skills of a Tester in an AgileTeam
- Techniques in Agile Projects
- Tools in Agile Projects

ISTQB® - June 2014
LEARNING OBJECTIVES OF CHAPTER 1

• The fundamentals of agile software development
  – Recall the basic concept of agile based on the Agile Manifesto
  – Understand the advantages of the whole-team approach
  – Understand the benefits of early and frequent feedback

• Aspects of agile approaches
  – Recall agile software development approaches
  – Write user stories in collaboration with development, business representative and product owner
  – Understand how retrospectives can be used as a mechanism for process improvement in agile projects
  – Understand the use and purpose of continuous integration
  – Know the differences between iteration and release planning, and how a tester adds value to each of activity
LEARNING OBJECTIVES OF CHAPTER 2

• Differences between testing in traditional and agile approaches
  – Describe the differences between testing activities in agile projects and non-agile projects
  – Describe how coding and testing activities are integrated in agile
  – Describe the role of independent testing in agile projects

• Status of testing in agile projects
  – Describe the basic set of work products used to communicate the status of testing in an agile project, including test progress and product quality
  – Describe the process of evolving tests across multiple iterations and explain why test automation is important to manage regression risk in agile projects

• Role and skills of a tester in an agile team
  – Understand the skills of a tester in an agile team
  – Understand the role of a tester within an agile team
LEARNING OBJECTIVES OF CHAPTER 3 (1)

- Agile testing methods
  - Recall the concepts of test driven development, acceptance test driven development and behavior driven development
  - Recall the concepts of the test pyramid
  - Summarize the testing quadrants and their relationships with testing levels and testing types
  - For a given agile project, practice the role of a tester in Scrum team

- Assessing quality risks and estimating test effort
  - Assess product quality risks within an agile project
  - Estimate testing effort based on iteration content and product quality risks
LEARNING OBJECTIVES OF CHAPTER 3 (2)

- Techniques in agile projects
  - Interpret relevant information to support testing activities
  - Explain to business stakeholders how to define testable acceptance criteria
  - Given a user story, write acceptance test driven development test cases
  - Write test cases, for both functional and non-functional aspects, using black box test design techniques based on given user stories
  - Execute exploratory testing to support the testing of an agile project

- Tools in agile projects
  - Recall different tools available to testers according to their purpose and to the activities in agile projects
**IS THE AGILE EXTENSION FOR YOU?**

- The target professionals are:
  - Testers experienced with traditional SDLCs
  - Entry-level testers with an interest in agile testing
  - Experienced developers with a lot to a little knowledge of testing who work in agile projects
- Roles include testers, test analysts, test engineers, test consultants, test managers, user acceptance testers, software developers
- The ISTQB® Foundation certificate is a pre-requisite
CONTENTS

3 Syllabi and Extensions
  3.1 General Introduction
  3.2 Foundation Level
  3.3 Agile Tester
  3.4 Advanced Level
  3.5 Expert Level
ADVANCED LEVEL - SURVEY

- How important do you think it is to obtain the ISTQB® Advanced Level (CTAL) certification?

Approximately 85% of the respondents are definitely of possibly interested in Agile testing certification. With the planned release in early 2014 of the Agile tester certification extension to the Foundation Level, ISTQB® is well-positioned to respond to the expected demand.
ISTQB® ADVANCED LEVEL

• ISTQB® Advanced Level is composed of three independent modules:
  – Test Manager (AL-TM)
  – Test Analyst (AL-TA)
  – Technical Test Analyst (AL-TTA)

• The ISTQB® Foundation Level Certification is a pre-requisite for all of them

• When achieving all the three Advanced Modules, a “Full Advanced” certificate is issued
### ISTQB® ADVANCED LEVEL

**TECHNICAL TEST ANALYST (AL – TTA)**

<table>
<thead>
<tr>
<th>ISTQB® – ADVANCED LEVEL</th>
<th>TECHNICAL TEST ANALYST</th>
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</thead>
<tbody>
<tr>
<td>Risk Based Testing</td>
<td>Structure-Based Testing</td>
</tr>
<tr>
<td>Risk Identification</td>
<td>Condition Testing</td>
</tr>
<tr>
<td>Risk Assessment</td>
<td>Modified Condition/Decision Coverage (MC/DC) Testing</td>
</tr>
<tr>
<td>Risk Mitigation</td>
<td>Path Testing</td>
</tr>
<tr>
<td></td>
<td>API Testing</td>
</tr>
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<td></td>
<td>Selecting a Structure-based Technique</td>
</tr>
<tr>
<td>Analytical Techniques</td>
<td>Static Analysis</td>
</tr>
<tr>
<td></td>
<td>Dynamic Analysis</td>
</tr>
<tr>
<td>Quality Characteristics for Technical testing</td>
<td>General Planning Issues</td>
</tr>
<tr>
<td>Reviews</td>
<td>Using Checklist in Reviews</td>
</tr>
<tr>
<td>Test Tools and Automation</td>
<td>Integration and Information Interchange</td>
</tr>
<tr>
<td></td>
<td>Defining the Test Automation Project</td>
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<td>Specific Test Tools</td>
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<td>Performance Testing</td>
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<td>Resource Utilization</td>
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<td></td>
<td>Maintainability Testing</td>
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<td>Portability Testing</td>
</tr>
</tbody>
</table>
CONTENTS

3 Syllabi and Extensions
  3.1 General Introduction
  3.2 Foundation Level
  3.3 Agile Tester
  3.4 Advanced Level
  3.5 Expert Level
• For ISTQB®, Expert really means Expert
  – “A person with the special skills and knowledge representing mastery of a particular testing subject.
  – Being an expert means possessing and displaying special skills and knowledge derived from training and experience.“

• Clearly stated expectations and business outcomes are established for each subject covered at Expert Level
EXPERT LEVEL - SURVEY

- Do you plan to obtain an ISTQB® Expert level certification in next 3 years?

More than 75% of respondents, spanning Test Engineers and Test Managers, are definitely or possibly interested in the expert level certifications. ISTQB® is working to make training and exams available as soon as possible to meet expected demand.
ISTQB®
Expert Level
Syllabi

Module:
- Improving the Testing Process
- Test Management
- Test Automation
- Security Testing

Status:
- Approved (June 2010)
- Approved (June 2011)
- In development (Planned for 2014)
- In development (Planned for 2015)
In the following, pre-conditions allowing to take Expert Level exams are shown:
The Expert Module “Test Management” is composed of three parts:
- Strategic Test Management
- Operational Test Management
- Managing the Test Team
### ISTQB® EXPERT LEVEL

**OPERATIONAL TEST MANAGEMENT**

<table>
<thead>
<tr>
<th>ISTQB® – EXPERT LEVEL TEST MANAGEMENT – PART 2 – OPERATIONAL TEST MANAGEMENT</th>
</tr>
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<tbody>
<tr>
<td><strong>Managing External Relationships</strong></td>
</tr>
<tr>
<td>Types of External Relationships</td>
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<tr>
<td>Contractual Issues</td>
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<tr>
<td>Communication Strategies</td>
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<tr>
<td>Integrating from External Sources</td>
</tr>
</tbody>
</table>
The Expert Module “Improving the Testing Process” is composed of two parts:
- Assessing Test Processes
- Implementing Test Process Improvement
ISTQB® EXPERT LEVEL
ASSESSING TEST PROCESSES

ISTQB® – EXPERT LEVEL – IMPROVING THE TESTING PROCESS – PART 1 – ASSESSING TEST PROCESSES

**Context of Improvement**
- Why improve?
- What can be improved?
- Views of Quality

**Model based Improvement**
- SW Models (CMMI, ISO 15504)
- Test Process Models (TPI NEXT, TMMi)
- Test Content Models (CTP, STEP)

**Analytical based Improvement**
- Causal Analysis
- GQM Approach
- Measures, Metrics & Indicators

**Selecting the Approach**
- Selection of Test Process Improvement

**Process for Improvement**
- Initiating & Diagnosing the Situation
ISTQB® EXPERT LEVEL
IMPLEMENTING TEST PROCESS IMPROVEMENT

ISTQB® - EXPERT LEVEL IMPROVING THE TESTING PROCESS – PART 2- IMPLEMENTING TEST PROCESS IMPROVEMENT

- Process for Improvement
  - Establishing a Test Improvement Approach
  - Implementing Test Improvement
  - Skills of the Test Process Improver

- Organizational Aspects
  - Organization
  - Roles

- Managing Change
  - Change Management Process
  - Human Factors

- Critical Success Factors
  - Key Success Factors

- Adapting to Different Life Cycle Models
  - Setting an Improvement Culture
TOPICS FOR THE FUTURE - SURVEY

- Please select at least 3 topics that you would like ISTQB® to address in the future.
The exam is based on multiple-choice questions for Foundation and Advanced Levels. For Expert Level, an essay is also required. Exams can be attempted without having attended a training course (e.g. through self-study). Number of questions and exams length:

- Foundation exam and Extensions: 40 questions, length = 1 hour (75 minutes for candidates taking exams not in their native language).
- Advanced exams: different lengths and questions, depending on the module (25% more time for candidates taking exams not in their native language).

<table>
<thead>
<tr>
<th>MODULE</th>
<th>NUMBER OF QUESTIONS</th>
<th>EXAM LENGTH (IN MINUTES)</th>
<th>EXAM LENGTH FOR NON NATIVE LANGUAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADVANCED TEST MANAGER</td>
<td>65</td>
<td>180</td>
<td>225</td>
</tr>
<tr>
<td>ADVANCED TEST ANALYST</td>
<td>60</td>
<td>180</td>
<td>225</td>
</tr>
<tr>
<td>ADVANCED TECHNICAL TEST ANALYST</td>
<td>45</td>
<td>120</td>
<td>150</td>
</tr>
</tbody>
</table>
Questions are classified according to the cognitive level, the K-level (also known as level of knowledge):

- K1 = Remember (recognize a term or concept)
- K2 = Understand (able to explain a concept)
- K3 = Apply (select correct application of concept or technique)
- K4 = Analyze (can distinguish between facts and inferences for deeper understanding)
- K5 = Evaluate (can make judgments based on criteria and standards)
- K6 = Create (can put elements together to form a coherent or functional whole)

The number of questions for each topic is related to the length of the topic in the syllabus

For more details, see the FAQ section in the ISTQB® Website
CRITERIA TO ACHIEVE EXPERT LEVEL

Entry criteria

Recommended:
- At least 7 years of practical testing experience
- Completion of Expert Level course

Mandatory:
- ISTQB Foundation
- ISTQB Advanced (depending on Expert Level module)
- Completion of Expert Level course (if a non-public exam is taken)

Exit criteria

- Exam passed (65%)
- Experience levels (may be achieved before or after passing the exam)
  - At least 5 years of practical testing experience
  - At least 2 years of industry experience in the specific Expert Level topic
**EXPERT LEVEL EXAM**

### The exam

- A certification scheme at Expert Level must meet the expectations and perceptions of its stakeholders and has to be seen to be truly “expert”.
- The exam therefore consists of a multiple-choice section and a written “essay” section
- A score of 65% and above is required to pass

### Multiple-Choice section

- **Duration:** 1 Hour
- **25 Questions**
- **Learning objectives covered:** K2, K3, K4 (like in Advanced Level)

### Essay section

- **Duration:**
  - Reading: ½ hour
  - Answering: 2 hours
  - Add ¾ hour for non-native speakers
- **Answer 4 questions out of 5**
- **Learning objectives covered:** Mostly higher learning objectives (K5,K6)
**MAINTAINING EXPERT LEVEL CERTIFICATION**

**Expert certification is not for life**

- An Expert Level certificate is valid for 5 years
- Expert certification must be renewed using one of the following two options

**Repeat the exam**

- A passed exam results in certification for a further 5 years

**Achieve 200 “Certification Extension Credits“ (CEC)**

- CECs may be achieved in a number of areas. For example:
  - Perform a professional testing activity
  - Take a relevant training course
  - Attend a testing conference
  - Present at a testing conference
  - Teaching a relevant training course
  - Write a testing article or book
  - Actively participate in a Working Group (ISTQB® Member Boards, SIGIST, ....)

- Verifiable evidence must be submitted to the certifier
- The Certification Extension Program is published by ISTQB®
To what extent do you feel the ISTQB® Foundation Level certification exam reflects the knowledge of the candidates?

More than 70% of respondents regard the ISTQB® Foundation Level certification exam as fully or exceedingly reliable and these results are consistent throughout the world; only 6% found the exam not very reliable.
<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tbody>
<tr>
<td>2002</td>
<td>The ISTQB® (International Software Testing Qualifications Board) is founded by 8 member boards: Austria, Denmark, Finland, Germany, Sweden, Switzerland, the Netherlands and UK.</td>
</tr>
<tr>
<td>2003</td>
<td>The syllabus for the “Advanced Level” is completed</td>
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<tr>
<td>2004</td>
<td>First exams for “ISTQB® Certified Tester Advanced Level“ are released</td>
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<tr>
<td>2006</td>
<td>The number of member boards grows steadily</td>
</tr>
<tr>
<td>2007</td>
<td>The Foundation and Advanced Syllabi are enhanced</td>
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<tr>
<td>2009</td>
<td>The number of Member Boards climbs further</td>
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<td>The number of certifications reaches 100,000</td>
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<tr>
<td>2010</td>
<td>BCS withdraws the ISEB Test Practitioner scheme in favor of ISTQB Certified Tester Advanced Level. The first “Expert Level” syllabus is released</td>
</tr>
<tr>
<td>2011</td>
<td>The number of certifications exceeds 200,000 globally</td>
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<td>Issue of additional Expert Level Syllabi</td>
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<tr>
<td>2012</td>
<td>New version of the Advanced Level syllabus and Glossary Testing of Terms; Activation of the “ISTQB® Partner Program”; Activation of the “ISTQB® Conference Network”; Activation of the “ISTQB® Recognized Mobile app” program; Launch of the “ISTQB® international Software Testing Excellence Award”</td>
</tr>
<tr>
<td>2013</td>
<td>The number of certifications exceeds 300,000 globally</td>
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<tr>
<td>2014</td>
<td>Agile Tester Syllabus</td>
</tr>
<tr>
<td></td>
<td>Expert Level Test Automation Syllabi</td>
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WORLD-WIDE COVERAGE

- Countries covered by Member Boards (47 Member Boards covering 70 countries, representing over 90% of the world-wide GDP) and Global Exam Providers
- Countries covered by Global Exam Providers

The list of Member Boards and Global Exam Providers is available on the ISTQB® Web Site
• As of September 2013 the number of certifications issued has reached about 320,000 with more than 12,000 new certifications being issued per quarter

• Among the technology-independent certifications schemes, ISTQB® is the third largest in the IT industry in terms of number of people certified (exceeded only by PMI and ITIL)

• ISTQB® is the largest testing certification scheme in the World and has become an International de-facto reference on recommended testing practices
ISTQB® CUMULATIVE CERTIFICATES ISSUED
The distribution of Certificates issued by ISTQB® as of September 2013 is as follows:

<table>
<thead>
<tr>
<th>LEVEL</th>
<th>CERTIFICATES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundation Level</td>
<td>283,022</td>
</tr>
<tr>
<td>Advanced Level – Test Manager</td>
<td>16,651</td>
</tr>
<tr>
<td>Advanced Level – Test Analyst</td>
<td>11,199</td>
</tr>
<tr>
<td>Advanced Level – Technical Test Analyst</td>
<td>6,544</td>
</tr>
<tr>
<td>Full Advanced</td>
<td>2,571</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>319,987</strong></td>
</tr>
</tbody>
</table>
ISTQB® CERTIFICATES BY CONTINENT

- **EUROPE**: 40.1%
- **ASIA**: 46.9%
- **AFRICA**: 1.8%
- **OCEANIA**: 1.9%
- **AMERICA**: 9.3%
ISTQB® EXAM AVERAGE PASS-RATE

- Foundation (%): 73.10
- AdvancedTM (%): 57.48
- AdvancedTA (%): 50.42
- AdvancedTTA (%): 55.25
ACCREDITED TRAINING PROVIDERS

- ISTQB® has a large number of Accredited Training Providers worldwide
- As of November 2013 there were:
  - 240+ Accredited Training Providers for Foundation Level
  - 100+ Accredited Training Providers for Advanced Level
  - 2 Accredited Training Providers for Expert Level
- The list of Accredited Training Providers is available on the ISTQB® Web Site
Provides recognition to Companies that are investing in the ISTQB® scheme
The main benefits of the ISTQB® Partner Program are:

- International visibility of the partnership status through exposure on the ISTQB® Website
- Access to ISTQB® Conference Network events with exclusive benefits
- Access to the alpha versions of new syllabi, with the opportunity to contribute to their review
- Local benefits provided by Member Boards and Exam Providers
Companies can become ISTQB® Partners if they have a significant number of employees or external consultants working for them who have passed ISTQB® certification exams.

The Program comprises four levels of partnership, each with a different eligibility threshold:
- **Silver**: 5 Points
- **Gold**: 14 Points
- **Platinum**: 30 Points
- **Global**: a minimum of 1 Platinum Partnership and 2 Gold Partnerships in at least 2 different countries.
The partnership level of an organization is determined by the number of certification points it has accumulated:

- Foundation certification = 1 point
- Advanced certification = + 3 points (for each advanced level certification module achieved)
- Expert certification = + 5 points (for each expert level certification module achieved)

Other criteria are the following:

- GOLD partnership needs at least 1 ADVANCED Level certification
- PLATINUM partnership needs at least 3 ADVANCED Level certifications
As of May 2014, ISTQB® Partnership has been achieved by:

- 1 company at GLOBAL Level
- 24 Companies at PLATINUM Level
- 19 companies at GOLD Level
- 18 companies at SILVER Level

More information at: [www.istqb.org/partner](http://www.istqb.org/partner)
CONTENTS

1. Introduction to ISTQB®
2. Benefits
3. Syllabi and Extensions
4. Exams
5. ISTQB®: Worldwide Footprint
6. ISTQB® Partner Program
7. Special Initiatives
8. Contacts
• ISTQB® has launched the “ISTQB® International Software Testing Excellence Award”, an annual prize given to somebody who has made an outstanding contribution to the field of software quality, through professional practice, innovation, or research

• Anyone can nominate a potential winner of the "ISTQB® International Software Testing Excellence Award" by filling in the Nomination Form available on the ISTQB® website
The winner of the Award is selected for having contributed to:

- Increasing public awareness for the importance of software quality and testing
- Publishing research findings in the field of software quality and testing
- Promoting further education in software quality and testing
- Supporting the creation of standards and recommended practices in the area of software quality and testing
- Giving new energy to the improvement of software development and testing processes
ISTQB® AWARD WINNERS

• 2013 ISTQB® Award: Harry Sneed

• 2012 ISTQB® Award: Dorothy Graham

• ISTQB® Special Award for Lifelong Contribution to Software Testing: Boris Beizer
  (issued on 2012)
ISTQB® CONFERENCE NETWORK

- ISTQB® has created the “ISTQB® Conference Network” to promote the annual events around the world related to ISTQB®

- These events have to:
  - Be focused on Testing and Quality
  - Be organized or recognized by an ISTQB® Member Board or by the ISTQB® Marketing Working Group

- Recognition is based on the following criteria:
  - The event must have an open and public call for papers
  - The selection of presentations must be performed by an independent program committee comprising several people
  - The event should offer at least a 20% discount to ISTQB® Certificate Holders
  - The program should include at least one official ISTQB® speech made by an ISTQB® representative or a representative of the National Board of that region (as agreed with ISTQB®); this speech should be delivered in a keynote slot
ISTQB® created the “ISTQB® Recognized APP” in order to promote those applications that are based on ISTQB® referenced information.

Any person or entity can apply to have an ISTQB® recognized App and, before receiving the “ISTQB® recognized App” logo, the App will be reviewed by the ISTQB® that will check the following criteria (all of them are mandatory):

- The App shall have a reference to the ISTQB® website as well as all to the ISTQB® social media;
- If the App makes usage of ISTQB® publicly available info (e.g.: glossary, syllabi) the provider shall keep them aligned with the latest official version issued by ISTQB® (for the English version) of by the ISTQB® Member Boards (in case of local translations);
- The App shall not have reference to any scheme competitive to ISTQB®;
- The App can use the specific ISTQB® recognized App logo that will be provided after successful validation; it cannot use any other ISTQB® logos, unless specifically agreed and approved by ISTQB®;
- The App must be available for download free of charge;
- The App shall have at least one English version.
ISTQB® CONTACTS AND CHANNELS

International Software Testing Qualifications Board® A.I.S.B.L.

1150 Brussels
Belgium

info@istqb.org

www.istqb.org
ISTQB® CONTACTS AND CHANNELS

You Tube presence: http://www.youtube.com/user/ISTQBORG
Slide Share presence: http://www.slideshare.net/ISTQBORG
LinkedIn Community: http://www.linkedin.com/groups/ISTQB-International-Software-Testing-Qualifications-99444
Twitter Channel: http://twitter.com/ISTQBORG
XING Community: https://www.xing.com/net/istqb
Facebook Page: http://www.facebook.com/istqborg