

Stephan Goericke
Director iSQI

QAMP®

Quality Assurance Management Professional:
The next-generation certificate for IT personnel

iSQI - Portrayal

International Software Quality Institute (iSQI)

- develops independent certification standards for advanced vocational training
- optimizes and safeguards the skills of software professionals
- founded in 2004 as a subsidiary of the German non-profit organisation ASQF e.V. (Association for Software Quality and Further vocational training e.V.)

International Software Quality Institute (iSQI)

- works together with international organizations, e.g. ISO (International Organization for Standardization) or EQN (European Quality Network)
- iSQI certifies IT personnel in more than 35 countries
- Germany's most important personnel certifier in the area of software quality (> 5000 exams per year)

Present Situation

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There is a certificate for everyone and everything –
a labyrinth of solutions



Clients need to find their way through

- a labyrinth of certificates
- a labyrinth of trainings
- a labyrinth of providers and agencies

Clients need to find answers: Which certificate ...

- fits my needs?
- is generally accepted?
- is independent and thus comparable?
- secures the latest knowledge?
- is worth its price?

Clients need to find answers:

- How can I demonstrate not only theoretical knowledge but practical experience?
- ... how lifelong learning and constant working?
- ... how that the certificate stands for sustainability?

Solution

Qualification should be: **modular**

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OLD: Qualification is inflexible: limited in scope,
bound to fix time schedules, bound to fix locations

Qualification should be: **modular**

OLD: Qualification is inflexible: limited in scope,
bound to fix time schedules, bound to fix locations

NEW: Qualification is composed flexible.

Qualification should be: **tailored**

Qualification should be: **tailored**

OLD: The client needs to fit the qualification.

Qualification should be: **tailored**

OLD: The client needs to fit the qualification.

NEW: The qualification fits the needs of the client.

Qualification should be: **international**

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OLD: Different levels of qualification quality
in different parts of the world.

Qualification should be: **international**

OLD: Different levels of qualification quality
in different parts of the world.

NEW: Same level of qualification quality
in different parts of the world.

Qualification should come from one source: **one-stop**

OLD: The client is wandering through a labyrinth on his own:

- collect, compare and choose proposals
- look for reliable references
- coordinate time, location, availability
- implement the qualification in the strategy

Qualification should come from one source: **one-stop**

NEW: A one-stop agency provides advice and organizes the further education and certification for the client.

- added value for clients by improved service
- Clients will be handed over to the national board or certification body in charge (acting as one-stop agency) without costs

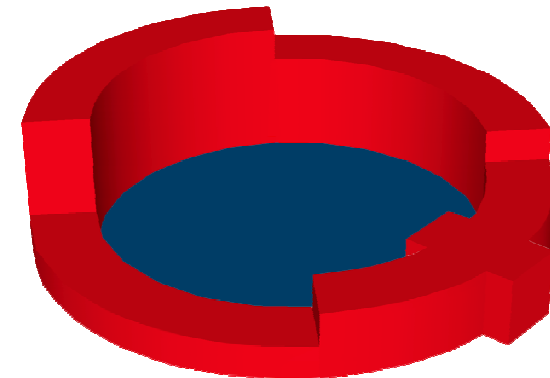
The QAMP[®]-Certificate

modular | international | tailored | one-stop

QAMP[®]-Certificate demonstrates: **Broad Scope**

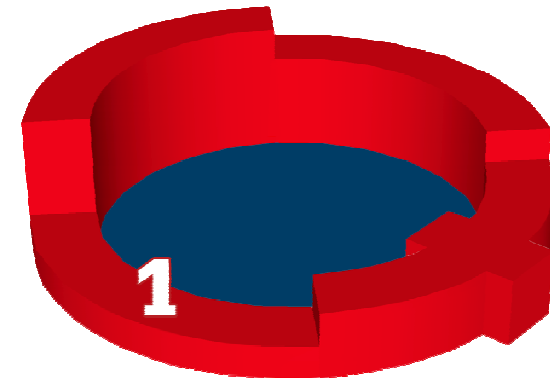
The **QAMP**[®]-Certificate demonstrates
a broad understanding of software
quality assurance management.

QAMP[®]-Certificate demonstrates: **Broad Scope - three modules**



QAMP[®]-Certificate demonstrates: **Broad Scope - three modules**

1 Software-Test



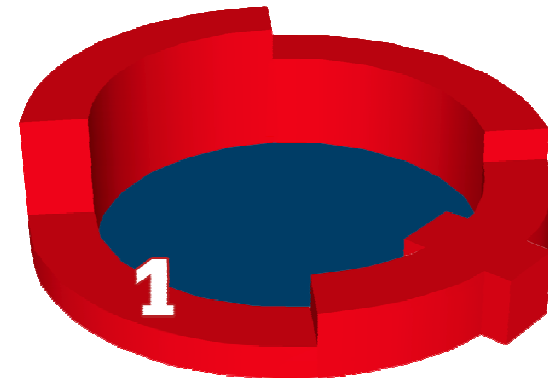
Software Test

- worldwide standard: “ISTQB Certified Tester”
- three qualifications levels:
 - Foundation Level
 - Advanced Level (*Test Manager, Functional Tester, Technical Tester*)
 - Expert Level
- > 90.000 ISTQB certified software testers worldwide
- ISTQB presides 40 National Boards:



QAMP®-Certificate demonstrates: **Broad Scope - three modules**

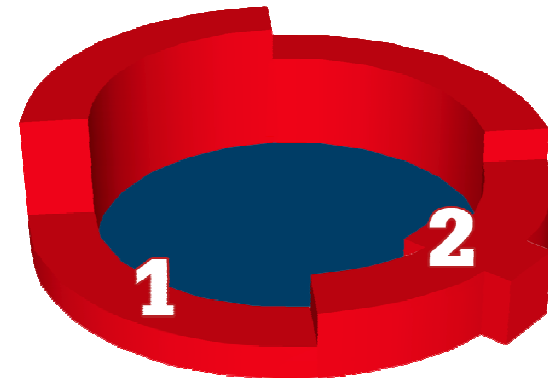
1 Software-Test



QAMP®-Certificate demonstrates: Broad Scope - three modules

1 Software-Test

2 Requirements Engineering



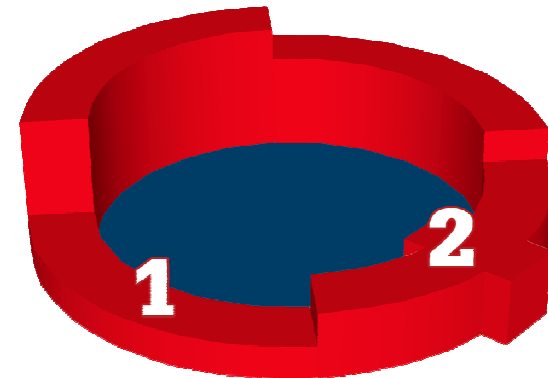
Requirements Engineering

- key discipline for ensuring project success
- syllabus & certificate currently available for foundation level (plans to provide higher level)
- 500 Requirements Engineers at iSQI in Germany (others in Austria, India, Israel, Netherlands, Switzerland, USA)
- IREB aims to improve the state of practice in industrial RE

QAMP®-Certificate demonstrates: Broad Scope - three modules

1 Software-Test

2 Requirements Engineering



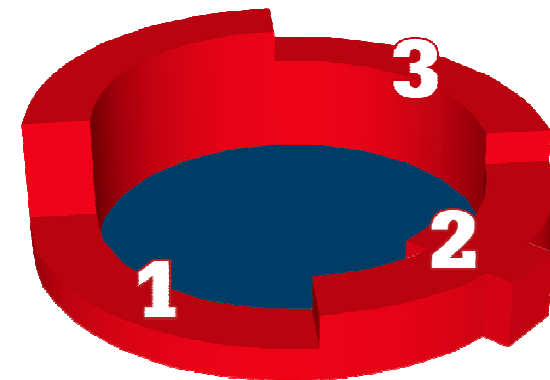
QAMP®-Certificate demonstrates: Broad Scope - three modules

1 Software-Test

2 Requirements Engineering

3 Specified Module

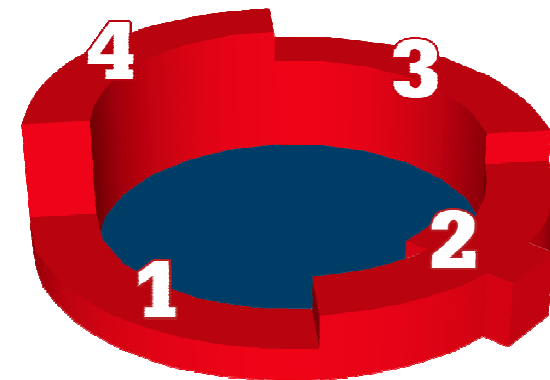
Test Management / Configuration Management /
Project Management / Software Architecture /
Secure Software Engineering / others...



QAMP®-Certificate demonstrates: **Practical Experience**

Theory is important. Practical experience is equally essential!

- 4 The owner of the QAMP-Certificate has professional experience in the field of software quality assurance of at least two years.



QAMP[®]-Certificate demonstrates: **Lifelong Learning**

Annual Re-Certification requires:

- 9 month of professional experience verified by employers/contractors
- **or:** another certificate in quality assurance management
- **or:** lecture at an international, iSQI-recognized conference (e.g. CONQUEST, SIGIST, STAREAST, STARWEST, SQC, SWISS Testing Day, SEETEST, EUROSTAR, 4 WCSQ, ... others on inquiry)

Benefits - Why join **QAMP**[®]

One product – lots of benefits. **For Training Providers**

- QAMP pushes the request for trainings
(have two, do a third and get **QAMP®**ed)
- New clients
- Improved image
(training provider for a globally accepted
quality assurance management standard)



One product – lots of benefits. **For National Boards**

- Provision for QAMP certifications
- Possibility to certify in other fields of quality assurance management in addition to the existing portfolio (one-stop service: whole lifecycle of software engineering)
- More certifications & trainings
- More certified professionals – bigger community

One product – lots of benefits. **For Clients**

- QAMP demonstrates diversified knowledge
- QAMP demonstrates professional experience
- QAMP demonstrates international acceptance
- QAMP demonstrates up-to-dateness
- QAMP provides easy-handled organization (one-stop agency)
- QAMP provides tailored certified training
- QAMP increases the clients' value to the market (higher income)

One product – lots of benefits. **For the Certification Schemes**

- QAMP provides up-to-dateness by re-certification (ISO 17024)
- QAMP provides annual verification of further education (by working experience, by further certification, by lecturing, ...)
- Improved image (schemes are an essential part of a globally accepted quality assurance management standard)



QAMP® becomes a symbol of quality for the next generation of Quality Assurance Management Professionals.

Testimonials

“QAMP can become the quasi-standard, that professionals in quality management, testing, acceptance and governance need to match with.“

Andreas Golze, Global Practice Director, Hewlett-Packard

"Information technology is developing dynamically and ever more quickly. For my clients, certified knowledge in the field of quality assurance is evolving from enthusiastic possibility towards basic necessity. With the QAMP certificate I assure, that my know-how is always state-of-the-art.“

Damir Majer, Managing Director of Majcon

"Standards help to enable accelerated work in projects, with similar understanding and similar language. An international accepted certificate such as QAMP is therefore indispensable. Practical proceeding as well as consistent terms, methods and definitions make it easy to communicate from the (very) beginning. The QAMP certificate and its related trainings reaffirm competency in the field of Software Testing and Requirements Engineering for clients and potential customers."

Richard Seidl, Test Manager, ANECON

"Knowledge in IT is evolving very fast. New terminology is coming up every nine months. Most of the project disasters can be tracked back to misunderstandings between customer and contractor or among team mates. Therefore the entire IT community needs a common language that evolves with the new technologies. The international series of Certified Trainings (i.e. certified Project Manager, Certified Architect, Certified Tester) which are grouped under the QAMP logo support lifelong learning in IT."

Prof. Dr. Bernd Hindel, CEO method park Software AG

“QAMP can become **the quasi-standard**, that professionals in quality management, testing, acceptance and governance need to match with.” *Andreas Golze, Global Practice Director, Hewlett-Packard*

“For a long time now there have been qualifications for the individual disciplines that make up quality management, however QAMP I believe is the **first time** these qualifications have been brought together into **one single Quality qualification.**”

Geoff Thompson, Consultancy Director, Experimentus Ltd

QAMP creates **confidence in our competence** and experience.”

Axel Bartram, Senior Executive (HR) SQS AG

„International standards are quintessential. The QAMP Certificate **covers the entire spectrum** of system development before implementation sets off.“

Chris Rupp, General Manager, SOPHIST GROUP

“As companies adopt QAMP, not only will they enjoy **lower costs** of field failure, **higher confidence** in their releases, and **less risk** of embarrassing defects, they will also enjoy smoother professional relationships within teams as causes of frustration subside.“

Rex Black, President, RBCS



Quality Assurance Management Professional (QAMP®)

A certificate including broad scope:

Modular system of three certificates:

- 1 Software Test
- 2 Requirements Engineering
- 3 Project Management, Configuration Management, Software Architecture, IT-Security Management, Software Test

A certificate including experience:

Two years of practical experience in software quality assurance management must be demonstrated

A certificate that has vision and future:

Annual re-certification ensures verification of further education and working experience



QAMP-IT: www.qamp.org

