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| **Title\*:** | **MTS#55 meeting REPORT** |
|  |  Tues 24 - Wed 25 Jan 2012 – Sophia-Antipolis, France |
| from **Source**\*: | ETSI Secretariat, Chairman |
| Submitted **To**\***:** | MTS |
|  |  |
| **Document for\*:** | Decision | **X** |  |
|  | Discussion |  |  |
|  | Information |  |  |
| Submission date**\***: |  |
|  |  |
| Agenda Item: | 1 |
| Contact: | Laurent Vreck, Stephan Schulz |
|  |

# Session 1: Opening Formalities

Related Contributions: [**MTS(12)55\_001**](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2011/MTS%2812%2955_001_MTS_55_Draft_Agenda.docx) MTS#55 Draft Agenda

## 1.1 Introduction & welcome, Local arrangements, IPR call [Schulz, Vreck]

**Call for IPRs**"The attention of the members of this Technical Body is drawn to the fact that ETSI Members shall use reasonable endeavours under clause 4.1 of the ETSI IPR Policy, Annex 6 of the Rules of Procedure, to inform ETSI of Essential IPRs in a timely fashion. This section covers the obligation to notify its own IPRs but also other companies’ IPRs.

The members take note that they are hereby invited:

 -to investigate in their company whether their company does own IPRs which are, or are likely to become
 Essential in respect of the work of the Technical Body,

 -to notify to the Chairman or to the ETSI Director-General all potential IPRs that their company may own,
 by means of the IPR Information Statement and the Licensing Declaration forms that they can obtain from
 the ETSI Technical Officer or [http://www.etsi.org/legal/IPR-Forms](http://www.etsi.org/WebSite/document/Legal/IPRforms.doc)."

Members are encouraged to make general IPR undertakings/declarations that they will make licenses available for all their IPRs under FRAND terms and conditions related to a specific standardization area and then, as soon as feasible, provide (or refine) detailed disclosures.

## 1.2 Approval of agenda, allocation of contributions to Agenda Items

Related Contributions**:** [**MTS(11)0076**](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2811%290076_Draft_meeting_minutes_for_MTS_54.docx)*Draft meeting minutes for MTS#54*

## 1.3 Approval of minutes from previous meeting, status of action list

The action list was reviewed and updated.

## 1.4 Update on Workprogramme status, changes since last meeting (publication, AbC…)

Laurent presented the below changes that occurred since the last meeting and which had an impact on the work programme.



## 1.5 Reports from GA, Board, & OCG Meetings

## 1.6 Reports from interim meetings since MTS#54

2 interim meetings:

* Security SIG,
* TDL meeting.

# Session 2: Model Based Testing

## 2.1 MBT standards

Topics:

Related Contributions: [**MTS(12)000003**](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%29000003_MBT_ETSI_2012.pptx)MBT@ETSI 2012

Related WIs: [RES/MTS-00128ed121 MBTmodConce](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=38242), [DTR/MTS-00141 MBT\_CaseStudies](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=38240" \t "_parent)), [DEG/MTS-00142 MBT\_methodology](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=38241" \t "_parent)

Stephan presented [MTS(12)000003](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%29000003_MBT_ETSI_2012.pptx) which gives an update on the MBT work at ETSI and the plans for 2012 (New STF on MBT, MBT conference planned for Sept 2012,…).

* MBT STF preparatory meeting report (STF442)

STF funding was requested and obtained (95 funded+ 25 voluntary man days). The call for expert was issued in November 2011 and the preparatory meeting (experts selection) took place on the 23rd of January.

Selected experts are: Jens Grabowski (Uni Goettingen), Alain Vouffo (Fokus), Victor Kuliamin (ISPRAS), Antal Wu-Hen-Chang (Ericsson)

Milan Zoric(ETSI CTI) committed to take an active part to the work of the team STF as well.

This STF will work on producing 2 deliverables:

The first deliverable ([DTR/MTS-00141 MBT\_CaseStudies](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=38240)) will consist in conducting Case Studies on IMS and on ITS (Intelligent Transport System).

The second deliverable ([DEG/MTS-00142 MBT\_methodology](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=38241)) is an ETSI Guide on a methodology for the development of models for conformance standards (tool independent).

ACTION STEPHAN : find a representative from ITS committee that could take part to the STF 442 steering group.

There will be a 1 day MBT working meeting dedicated to ES 202 951 on the 14th of May (Monday before MTS#56 see clause 8.2 of the present report).
Agenda to be provided by Stephan.

* MBT workshop for ETSI TTCN-3 User Conference in Bangalore India in June

ACTION STEPHAN: send around requests for submissions to MTS MBT interest group, to propose papers to that workshop

## 2.2 MBT User Conference

* Status of MBTUC 2012 preparation

Host will be Elvior, Tallinn (Estonia) 25-27 Sept 2012

Location will possibly be the Tallinn University of Technology.

Exact timelines for the call for paper still to be refined. Call by March, papers submitted by May, confirmation by end of June…

## 2.3 Test Description Language

Related Contributions: [**MTS(12)55\_014**](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_014_Status_on_WI_Test_Description_Language.pptx)Status on WI Test Description Language

Related Wis: [DES/MTS-00140 TstDescrLang](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=38239)

The TDL kick-off meeting took place in December, and brought tool vendors, tool users, research actors (17 participant: 14 + 3 remote), including some non ETSI members (issue: how to keep non-members in the loop without breaking the ETSI rules).

Andreas Ulrich presented the results of this meeting and the status of TDL Work Item, see [**MTS(12)55\_014**](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_014_Status_on_WI_Test_Description_Language.pptx)

A second TDL meeting took place right after MTS#55 (26th of Jan), Andreas aims at providing a first draft of the Test Description Language draft ([DES/MTS-00140 TstDescrLang](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=38239)) by April.

## 2.4 TPLan (Test Purpose Language)

Related Contributions:

[**MTS(12)55\_006**](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_006_Extending_TPLan_as_a_requirements_definition_language.zip)*Extending TPLan as a requirements definition language*

[**MTS(12)55\_007r1**](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_007r1_Why_TPlan_is_a_good_basis_for_requirements_and_objectives_sp.docx)*Why TPlan is a good basis for requirements and objectives specification*

Steve presented [**MTS(12)55\_007r1**](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_007r1_Why_TPlan_is_a_good_basis_for_requirements_and_objectives_sp.docx) **“**Why TPlan is a good basis for requirements and objectives specification”. This contribution is linked to [**MTS(12)55\_006**](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_006_Extending_TPLan_as_a_requirements_definition_language.zip) which contains a New Work Item proposal for extending TPLan.

The main idea is to extend TPLan language in order for it to be usable for the expression of requirements and specifications. The proposed changes are covered in the 3 following points:

1. to make it possible to use “specify that” and “assert that” as alternatives to “ensure that”;
2. to make it possible to include generic objects (such as <event> or <entity> in the “define context” statement; and
3. to make it possible to associate behaviour with defined syntactical constructs.

Amount of work? 🡺 item a) and b) could be handled by Steve on voluntary basis (Steve is the proposed rapporteur for the proposed new WI)…, yet item c) will require the voluntary support of other experts .

ISPRAS showed an open source tooling solution that is planned to be extended to support TPLan.

Supporting companies: C3L, PQM Consultants, Ericsson, and ISPRAS.

**The New WI proposal was approved as RES/MTS-00202553ed211 TPLan**

# Session 3: TTCN-3

## 3.1 TTCN-3 base standards & extensions (STF 430) - [Rethy]

Topics: status report

Related Contributions:

[**MTS(12)55\_008**](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_008_STF430_Final_Report-Summary.ppt) “STF430 Final Report-Summary”

[**MTS(12)000001**](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%29000001_Final_Draft_for_approval__TTCN-3_extension_-_Continuous_Sign.zip)*Final Draft for approval: TTCN-3 extension - Continuous Signal support*

[**MTS(12)000002**](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%29000002_Final_Draft_for_approval__TTCN-3_extension__Extended_TRI.zip)*Final Draft for approval: TTCN-3 extension: Extended TRI*

György presented a summary of the final report for STF439 [**MTS(12)55\_008**](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_008_STF430_Final_Report-Summary.ppt)***,*** this presentation provides details on the work achieved by the team.

The actual STF 430 final report still has to be provided for approval.

ACTION GYORGY: produce the final STF 430 report by end of Feb (for approval by MTS).

Organisation of the CfE for the TTCN-3 2012 maintenance is to be launched. There is not a high level of urgency to start the team during Q1 this year (compared to the previous years) and the team would like to concentrate their effort during the second half of the year.

Related WIs: WIs attached to STF430 (TTCN-3 maintenance 2011)

TTCN-3 Edition 4.4.1

* [(201 873-1) RES/MTS-00136-1 T3 ed441 core](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=35092)

**APPROVED**

* [(201 873-4) RES/MTS-00136-4 T3 ed441 OS](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=35095)
* [(201 873-5) RES/MTS-00136-5 T3 ed441 TRI](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=35096)
* [(201 873-6) RES/MTS-00136-6 T3 ed441 TCI](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=35097)
* [(201 873-7) RES/MTS-00136-7 T3 ed441 asn1](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=35098)
* [(201 873-8) RES/MTS-00136-8 T3 ed441 IDL](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=35099)
* [(201 873-9) RES/MTS-00136-9 T3 ed441 XML](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=35100)
* [(201 873-10) RES/MTS-00136-10 T3 ed441 DOC](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=35101)

TTCN-3 Extensions

* [(202 781) RES/MTS-00112ed121 T3Ext\_Conf](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=31900)

**No CRs received,**shifted to 2012
 maintenance

* [(202 782) RES/MTS-00113ed121 T3Ext\_Perf](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=31899)
* [(202 784) RES/MTS-00123ed131 T3Ext\_AdvP](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=35106)
* [(202 785) RES/MTS-00124ed131 T3Ext\_Behav](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=35107)
* [() DES/MTS-00137 T3Ext\_ContSig](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=35109)

**Approval ongoing** (end by 12 Feb)

* [(201 579) DES/MTS-00138 T3ExtAdvTRI](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=35110)

There was 1 comment on part 1 during the Remote Consensus. MTS reviewed this comment (see text below) and accepted the correction proposed by György. The draft will be updated by editHelp prior to be sent for Member Vote.

"CR5834 (http://t-ort.etsi.org/view.php?id=5834) has corrected the example "type integer Monday;" in clause 6.2.4 Example 1, allowing using the name Monday as the identifier of the type. The another example for the same case, in the same block of examples, "const integer Monday := 7;" was not in the scope of the CR, thus has not been corrected. As a result the two examples are now contradicting. Proposal: delete the example "const integer Monday := 7;" as it, in fact, gives no new information."

* [RTS/MTS-00115ed121 T3refATS](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=31898) 🡺 Candidate for stopping 🡺 MTS **decision to STOP** this WI
* [RTS/MTS-00115ed131 FwkT3confTS](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=35108) 🡺 Candidate for stopping🡺 MTS **decision to STOP** this WI

No activity recorded on these 2 WIs (not part of STF430) both are candidate for stopping: MTS decided to STOP these 2 WIs.

## 3.2 TTCN-3 Skill Levels

Topics: Status report

Related Contributions: none

Related WIs: [DTR/MTS-00139 TTCN3-Skills](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=35276) WI started in Dec 2010, 1 early draft was presented in May 2011, no progress since then. 🡺 Candidate for stopping🡺 MTS **decision to STOP** this WI

## 3.3 ATS development checklist

Topics: current status

Related Contributions:

No contribution, no progress on this item…

ACTION [MTS(11)AI013](http://portal.etsi.org/cal/ActionListDetails.aspx?Ref=MTS%2811%29AI005) on CTI remains open

## 3.4 report from Conformance testing STF (STF 433)

Related WIs: [RTR/MTS-00132-1ed121-T3Conf\_IC](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=37146), [RTS/MTS-00132-2ed121-T3Conf\_TP](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=37147), [RTS/MTS-00132-3ed121-T3Conf\_AT](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=37148)

Related Contributions:

[**MTS(12)55\_009**](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_009_Stable_draft_for__TTCN-3_Conformance_Test_Suite_-_Part_1__IC.zip)*Stable draft for "TTCN-3 Conformance Test Suite - Part 1: ICS"*

[**MTS(12)55\_010**](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_010_Stable_draft_for__TTCN-3_Conformance_Test_Suite_-_Part_2__TP.zip)*Stable draft for "TTCN-3 Conformance Test Suite - Part 2: TPs"*

[**MTS(12)55\_011**](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_011_Stable_draft_for__TTCN-3_Conformance_Test_Suite_-_Part_3__AT.zip)*Stable draft for "TTCN-3 Conformance Test Suite - Part 3: ATS"*

[**MTS(12)55\_013**](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_013_STF_433_--_Requirements_tracking_case_study.pdf)*TTCN-3 CONFORMANCE TEST SUITE STF 433 -- Requirements tracking case study*

[**MTS(12)55\_012**](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_012_STF433_Final_Report-Summary.pdf)STF433 Final Report-Summary

The STF433 results were presented by Andras Kovacs ([MTS(12)55\_012](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_012_STF433_Final_Report-Summary.pdf)) and Nikolay Pakulin ([MTS(12)55\_013](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_013_STF_433_--_Requirements_tracking_case_study.pdf)).

Special thanks were expressed by to Elvior and Testing Tech for their support to the STF433 team.

Stable versions of the TTCN-3 Conformance test Suite (ICS, TPs, and ATS) are available as contributions to this meeting, the STF 433 team plans to deliver final versions and the final STF report for approval by the end of January for approval by correspondence. More than 1000 tests are available now, about 15 CRs on the Core Language were filed and the estimated coverage is 40%.

ETSI needs to create more awareness around these test suites.

ACTION CTI: provide a more dominant place (on TTCN-3 web pages) to give more visibility to the TTCN-3 conformance test suites and allow download of all versions.

## 3.5 Miscellaneous TTCN-3

Topics:

* Status of ITU synchronization: ITU-T consider positively a kind of “endorsement” of the TTCN-3 standards. in which the ETSI text would be referenced instead of copied and pasted. Next SG17 meeting in 20 Feb to 2nd March.

Related Contributions: [MTS(12)55\_002](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_002_LS_response_from_ITU-T_SG17_on_the_synchronisation_of_TTCN-3.zip) “LS response from ITU-T SG17 on the synchronisation of TTCN-3 Standards

Note: the ITU/ETSI MoU is currently in the process of being revised. The new MoU text will state that the privileged mechanism to align ITU and ETSI Deliverables will be that “**the deliverable of the Adopting Party incorporates the deliverable of the Originating Party by reference, thereby avoiding duplication of text**.”

A liaison will be drafted to ITU-T SG17, to follow-up on the publication of TTCN-3 Edition 4.4.1 as Z.16x.

MTS will suggest using the “by reference” approach that will be mechanism privileged by the next version of the ETSI / ITU MoU

ACTION LAURENT: draft a liaison to ITU-T containing the approved TTCN-3 Edition 4.4.1 drafts and proposing to use the “by reference” approach to publish them as Z.16x recommendations.

* Update on T3UC 2012

11-14 June in India (Bangalore) - 3rd feb = deadline for paper submissions - See conference web site [here](http://www.isqtinternational.com/T3UC_2012/ttcnPresentations.htm).

Arun Khannur (isqtinternational), and Srinivas Prasad (Sasken) called in and gave a status update of the conference organisation.

There is still some work to do at program committee and organising committee level: there is a need to stimulate the Indian community to attract submissions.

# Session 4: Security & Performance

Related Contributions:

[**MTS(12)55\_004**](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_004_Security_Evaluation___Testing_Framework__SET_FW_.pdf)*Security Evaluation & Testing Framework (SET FW)*

[**MTS(12)55\_005**](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_005_Draft_Security_Testing_LifeCycle_Activity_Diagram.pdf)*Draft Security Testing LifeCycle Activity Diagram*

[**MTS(12)55\_015**](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_015_Fuzzing_Basics___terminology.pptx)*Fuzzing Basics & terminology*

## 4.1 Security SIG

Axel presented a report on December “Security SIG” meeting see [**MTS(12)55\_016**](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_016_Security_SIG_in_MTS.pptx) “Security SIG in MTS”.

Following this first Security SIG meeting, 3 new WIs were proposed to MTS and were approved by correspondence (WI proposals in contributions [MTS(11)0097](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2011/MTS%2811%290097_Security_Testing_Terminology.zip), [MTS(11)0098r1](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2011/MTS%2811%290098r1_Security_Testing_Case_Studiies.zip), and [MTS(11)0099](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2011/MTS%2811%290099_Security_design_guide.zip)):

* (201 581) [DEG/MTS-201581 SecDesGuideVV](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=38806) “Methods for Testing and Specification (MTS); Security design guide enabling test and assurance (V&V)”
* (101 582) [DTR/MTS-101582 SecTestCase](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=38805) ”Security Case Studies”
* (101 583) [DTS/MTS-101583 SecTest\_Terms](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=38804) “Security Testing Terminology”

Ian Bryant then presented a draft Security Testing LifeCycle Activity Diagram in [MTS(12)55\_005](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_005_Draft_Security_Testing_LifeCycle_Activity_Diagram.pdf).
This contribution aims at being included as an annex or an introduction to the Security design guide ([DEG/MTS-201581 SecDesGuide](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=38806)), yet it needs to be aligned with the work already done in TISPAN.

ACTION AXEL: plan a follow-up Security SIG meeting prior to MTS#56

Steve raised as a comment that the SIG should clearly define goals in a workplan prior to the next MTS plenary.

ACTION AXEL: Prepare a presentation from the Security SIG detailing their goals and workplan to the next MTS plenary.

*Steve suggested the idea of adding a “Security Testing” session at the next ETSI Security Workshop (Jan 2013). The idea was welcome by the audience.*

ACTION STEVE: contact the ETSI Security Workshop organisers and suggest them the addition of a “Security Testing” session at the next ETSI Security Workshop.

## 4.2 Status report on active security WIs

Topics: terminology, security design, etc…*.*

Related Work Items:[*DEG/MTS-00130 T3SecAssTestMeth*](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=34139) *“Security Testing Methodology"*

* Security Testing Terminology ([DTS/MTS-101583 SecTest\_Terms](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=38804)).

Ari TAKANEN presented [MTS(12)55\_015](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_015_Fuzzing_Basics___terminology.pptx) on **“**Fuzzing Basics & terminology”) on “Security testing and Fuzz Testing“. The aim of this contribution is to propose some initial ideas towards content and document structure for the “Security Testing Terminology” Work Item ([DTS/MTS-101583 SecTest\_Terms](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=38804)).

Meeting feedback: the proposal needs to be refined in the next Security SIG group meeting. More text on Fuzz Testing than on generic Security Testing 🡪 the content should to be better balanced since the WI aims at “Security Testing Terminology”. This Work Item should stick to its scope (basic terminology and ontology). Methodological aspects should go into a separate document (for example an EG on using fuzzing techniques).

* Security Evaluation Testing: set framework.

Jan de Meer presented [MTS(12)55\_004](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_004_Security_Evaluation___Testing_Framework__SET_FW_.pdf) “Security Evaluation & Testing Framework (SET FW)”

This contribution extends from the work in TISPAN on the TVRA method towards a test framework.

*Comments were made during the meeting that this presentation was lacking a clear explanation on the shortcomings of the current TVRA methodology (for its intended application of risk analysis for the purpose of identifying essential security functions to manage risk in a standards context).*

*Jan was asked to prepare this as a contribution to the next Security SIG meeting.*

ACTION JAN: prepare a clear explanation on the shortcomings of the current TVRA methodology and contribute it to the MTS#56 meeting.

## 4.3 Performance testing

No contribution, no progress on this item…

# Session 5: Future STF

## 5.1 Upcoming STFs

The 2012 FWP 2nd allocation budget will be allocated in June 2012. If MTS want to request some budget from the 2nd allocation the ToRs and associated New Work Item proposals would have to be finalized and approved during MTS#56.

Some discussion took place about asking for an STF to review/enrich the TTCN-3 conformance test suite.

Ericsson, Testing Tech, and Elvior indicated their support to this initiative.

ACTION GYORGY: prepare draft ToRs for an STF proposal on the follow-up of the TTCN-3 conformance test suite by MTS#56 (aiming at the June 2nd budget allocation).

# Session 6: Other ongoing work

## 6.1 Making Better Standards

Topics: Status of MBS Work

Related Contributions:

Related Work Items:

* *() MI/MTS-00077[3]-MBS "MBS Extension: Validation"*

*The validation pages of the MBS web site have been completely re-written, and quite some work has been done as well in updating the language pages.*

[*http://docbox.etsi.org/MTS/MTS/10-PromotionalMaterial/MBS-20111118/*](http://docbox.etsi.org/MTS/MTS/10-PromotionalMaterial/MBS-20111118/)

*MBS deliverable APPROVED.*

## 6.2 IP Testing web site

*In November Steve updated content of the IPT site and made it available to MTS for review. Since MTS*#*54, Steve managed to get the IP Testing Library (IPT) web site updated with the latest version of the library, see:* [*http://www.ipt.etsi.org/iptlib/*](http://www.ipt.etsi.org/iptlib/)

ACTION CTI: Update the TTCN-3 public test suites page by adding Link to the IPT library ([*http://www.ipt.etsi.org/iptlib/*](http://www.ipt.etsi.org/iptlib/))

# Session 8: AOB & Closure

## 8.1 AOB [All]

Related Contributions: [MTS(12)55\_018](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_018_Turn_www_ttcn-3_org_into_an_active_user_portal_using_the_sou.docx)

Related Work Items

There was a discussion on the maintenance of the TTCN3.org site and the inclusion of a SourceForge site. Dirk Tepelmann produced a contribution summarising several improvements that could be done.

See [MTS(12)55\_018](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_018_Turn_www_ttcn-3_org_into_an_active_user_portal_using_the_sou.docx) **“***Turn www.ttcn-3.org into an active user portal using the source forge concept”*

ACTION CTI: propose a roadmap to turn www.ttcn-3.org into an active user portal as described in contribution [MTS(12)55\_018](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2012/MTS%2812%2955_018_Turn_www_ttcn-3_org_into_an_active_user_portal_using_the_sou.docx)

## 8.2 Meeting Closure

Future Events:

|  |  |  |  |
| --- | --- | --- | --- |
| Event | Date | Venue - [host] | Status |
| MBT Conf Call | ??? | ??? | tbd |
|  |
| MBT Working meeting | 14 May 2012 | Göttingen | confirmed |
| SIG#3 Working meeting | 15th May AM | Göttingen | confirmed |
| MTS#56 | May 2012: 15th PM to 16th PM  | Göttingen | confirmed |
| T3UC 2012 | 11-14 June 2012 | Bangalore (India) | confirmed |
| MBT Working meeting | 18th Sept 2012 | Sophia Antipolis | tbc |
| MTS#57 | 19-20 Sept 2012  | Sophia Antipolis | confirmed |
| MBTUC 2012 | 25-27 Sept 2012 | Tallinn (Estonia) | confirmed |
| MTS#58 | *Jan 2013* | *Helsinki* | *tbc* |

# ANNEX 1: List of MTS#55 Participants

|  |  |  |
| --- | --- | --- |
|  | Delegate | Representing Organization |
|  | Mr. Ian BRYANT | NPIA |
|  | Mr. Jan-Bernhard DEMEER | Smartspacelab.eu GmbH |
|  | Mr. Jens Grabowski | University Gottingen |
|  | Mr. Dieter HOGREFE | Institut für Informatik |
|  | Mr. Andras KOVACS | BroadBit Slovakia |
|  | Mr. Victor KULIAMIN | ISPRAS |
|  | Ms. Anne KRAMER | sepp.med gmbh |
|  | Mr. Andrus LEHTMETS | OU Elvior |
|  | Mr. Nikolay PAKULIN | ISPRAS |
|  | Dr. Alexander PETRENKO | ISPRAS |
|  | Mr. Steve RANDALL | PQM Consultants |
|  | Mr. Axel RENNOCH | Fraunhofer FOKUS |
|  | Dr. Gyorgy RETHY | Telefon AB LM Ericsson |
|  | Mr. Peter SCHMITTING | FSCOM |
|  | Mr. Stephan SCHULZ | Conformiq Software Ltd. |
|  | Mr. Ari TAKANEN | Codenomicon |
|  | Mr. Risto TEITTINEN | Nokia Siemens Networks Oy |
|  | Mr. Dirk TEPELMANN | Testing Technologies |
|  | Dr. Andreas ULRICH | Siemens AG |
|  | Mr. Margus VEANES | MICROSOFT EUROPE SARL |
|  | Mr. Alain-Georges VOUFFO FEUDJIO | Fraunhofer FOKUS |
|  | Mr. Laurent VRECK | ETSI |
|  | Mr. Anthony WILES | ETSI |
|  | Mr. Antal WU-HEN-CHANG | Ericsson Hungary Ltd |

# ANNEX 2: List Actions Items

## New Action Items assigned during MTS#55

|  |  |
| --- | --- |
| [**MTS(12)AI017**](http://portal.etsi.org/cal/ActionListDetails.aspx?Ref=MTS%2812%29AI017)**Needs-Action** | ACTION STEPHAN : find a representative from ITS committee that could take part to the STF 442 steering group.  |
| [**MTS(12)AI018**](http://portal.etsi.org/cal/ActionListDetails.aspx?Ref=MTS%2812%29AI018)**Needs-Action** | ACTION STEPHAN: send around requests for submissions to MTS MBT interest group, to propose papers to that workshop |
| [**MTS(12)AI019**](http://portal.etsi.org/cal/ActionListDetails.aspx?Ref=MTS%2812%29AI019)**Needs-Action** | ACTION GYORGY: produce the final STF 430 report by end of Feb (for approval by MTS). |
| [**MTS(12)AI020**](http://portal.etsi.org/cal/ActionListDetails.aspx?Ref=MTS%2812%29AI020)**Needs-Action** | ACTION CTI: provide a more dominant place (on TTCN-3 web pages) to give more visibility to the TTCN-3 conformance test suites and allow download of all versions. |
| [**MTS(12)AI021**](http://portal.etsi.org/cal/ActionListDetails.aspx?Ref=MTS%2812%29AI021)**Needs-Action** | ACTION LAURENT: draft a liaison to ITU-T containing the approved TTCN-3 Edition 4.4.1 drafts and proposing to use the “by reference” approach to publish them as Z.16x recommendations. |
| [**MTS(12)AI022**](http://portal.etsi.org/cal/ActionListDetails.aspx?Ref=MTS%2812%29AI022)**Needs-Action** | ACTION AXEL: plan a follow-up Security SIG meeting prior to MTS#56 |
| [**MTS(12)AI023**](http://portal.etsi.org/cal/ActionListDetails.aspx?Ref=MTS%2812%29AI023)**Needs-Action** | ACTION AXEL: Prepare a presentation from the Security SIG detailing their goals and workplan to the next MTS plenary. |
| [**MTS(12)AI024**](http://portal.etsi.org/cal/ActionListDetails.aspx?Ref=MTS%2812%29AI0é')**Needs-Action** | ACTION STEVE: contact the ETSI Security Workshop organisers and suggest them the addition of a “Security Testing” session at the next ETSI Security Workshop.  |
| [**MTS(12)AI025**](http://portal.etsi.org/cal/ActionListDetails.aspx?Ref=MTS%2812%29AI025)**Needs-Action** | ACTION JAN: prepare a clear explanation on the shortcomings of the current TVRA methodology and contribute it to the MTS#56 meeting. |
| [**MTS(12)AI026**](http://portal.etsi.org/cal/ActionListDetails.aspx?Ref=MTS%2812%29AI026)**Needs-Action** | ACTION GYORGY: prepare draft ToRs for an STF proposal on the follow-up of the TTCN-3 conformance test suite by MTS#56 (aiming at the June 2nd budget allocation). |
| [**MTS(12)AI027**](http://portal.etsi.org/cal/ActionListDetails.aspx?Ref=MTS%2812%29AI027)**Needs-Action** | ACTION CTI: Update the TTCN-3 public test suites page by adding Link to the IPT library (http://www.ipt.etsi.org/iptlib/) |
| [**MTS(12)AI028**](http://portal.etsi.org/cal/ActionListDetails.aspx?Ref=MTS%2812%29AI028)**Needs-Action** | ACTION CTI: propose a roadmap to turn www.ttcn-3.org into an active user portal as described in contribution MTS(12)55\_018 |

## Outstanding Action Items from previous meetings

|  |  |
| --- | --- |
| [**MTS(11)AI013**](http://portal.etsi.org/cal/ActionListDetails.aspx?Ref=MTS%2811%29AI013)**Needs-Action** | Handle the updated ETSI TS skeleton in MTS(11)0061 to EditHelp to update the "official" ETSI TS skeleton.*2012-01-23 (Sebastian Müller): This action is still ongoing. Tasks is to update the skeleton to correct description of how to attach TTCN-2 and TTCN-3 code.* |
| [**MTS(11)AI005**](http://portal.etsi.org/cal/ActionListDetails.aspx?Ref=MTS%2811%29AI005)**Needs-Action** | Collect all existing info used at ETSI for TTCN-3 specs… and group them in a contribution to MTS.Collect all existing information/guidelines/example/T3Q profiles/naming convention/TS36523-3 annex X, etc… that are currently used at ETSI for TTCN-3 specification… and group them in a contribution to MTS. |