**MTOSI-MTNM Users Group Meeting**

**16 March 2012, 9:00 AM – 10:00 AM (US Eastern)**

**Minute Taker:** Steve Fratini

**Call Logistics**

The Gotomeeting ID and associated access link are 859-719-777 and <https://www1.gotomeeting.com/join/859719777>, respectively.

You can either select the “Mic and Speakers” Audio Mode to use the built-in audio capability of Gotomeeting, or you can select the “Use Telephone” Audio Mode which will then display a number you can use to call into the meeting.

**Attendance**

1. Stephen Fratini (Ericsson)
2. Bernd Zeuner (DT)
3. Sitaraman (NMSWorks)
4. Yaoyu (Ctbri)
5. Augie Jagau (Ericsson)
6. Chunxiujia (Huawei)

**Apologies**: Michel Besson (Amdocs), Marc Flauw (HP)

Contents

[1 Intellectual Property Rights (IPR) 2](#_Toc319652771)

[2 Administrative 2](#_Toc319652772)

[2.1 Next Call 2](#_Toc319652773)

[3 Discussion Items 2](#_Toc319652774)

[3.1 Requests from GPON Team 2](#_Toc319652775)

[3.2 Status Update on MTOSI Rel. 3.0 and MTNM Rel. 4.0 3](#_Toc319652776)

[3.2.1 MTOSI Rel. 3.0 3](#_Toc319652777)

[3.2.2 MTNM Rel. 4.0 3](#_Toc319652778)

[3.3 MTOSI Migration Discussion 3](#_Toc319652779)

[3.4 MTOSI Rel. 3.0 Updates for MRI 3](#_Toc319652780)

[3.5 Overall MTOSI Migration Plan 3](#_Toc319652781)

[3.6 Release Plans 4](#_Toc319652782)

[3.6.1 MTOSI 4](#_Toc319652783)

[3.6.2 MTNM 5](#_Toc319652784)

[4 SVN Access Directions 5](#_Toc319652785)

# Intellectual Property Rights (IPR)

**IPR claims**: No one claimed any IPR during the call. If there are any IPR claims on any of the material presented or discussed during the meeting today (either verbally or in written form), this needs to be made known to the TIP Admin team.

# Administrative

## Next Call

The next call is on March 23rd at 9 AM US Eastern (2PM CET).

# Discussion Items

## Requests from GPON Team

See the following note from the GPON team leader:

Steve,

during the GPON call today a number of issues have come which I would like to submit for inclusion in the agenda for the MMUG call tomorrow.

1. **MTOSI 3.0 Release Notes**  
The GPON team is not convinced that the release notes for MTOSI 3.0 will be a suitable repository for proposed future GPON work or for issues left pending from the work on GPON activation interface operations.

* (From MMUG meeting on 16 March 2012) Bernd suggested a “living list” document. This would be referenced by the MTOSI Rel. 3.0 Release Notes but not be part of Rel. 3.0 deliverables.

2. **Technical Review of GPON NBI T&D Requirements**In order to move forward the contribution made by China Telecom and Huawei with respect to MTOSI NBI T&D requirements it will be necessary to review each requirements line item against requirements documented in the various MTOSI DDP’s. This exercise will ensure that requirements will not get duplicated and that the GPON specific items will seamlessly integrate with the rest of MTOSI.  
The work does, however, require an MTOSI expert to assist the GPON team. Especially if the objective will be to set the state to model the information that is required for the NBI T&D operations.  
We, the GPON team, are looking for help finding a suitable MTOSI expert.

* (From MMUG meeting on 16 March 2012) No one on the call volunteered. The time frame for review would start in April, as noted by Chunxiujia. Steve suggested that we handle this review during the MMUG call. When we actually start the review, Fujitsu (Mark Whalley) and BT should be contacted.

Please ping me, Steve, when you will have a minute to discuss further. Alternatively, if you can accommodate the above topics on the agenda of the MMUG call tomorrow I think it would suffice to speak about the two subjects during the meeting.

Sincerely,

Augie

## Status Update on MTOSI Rel. 3.0 and MTNM Rel. 4.0

### MTOSI Rel. 3.0

* Work on replacement of RTM by RAM and MPAC is done. Action Item: This needs to be placed in the MTOSI active trunk (**Marc**). See [https://collab.tmforum.org/svn/repos/mtop/Product/trunk. Update on 24Feb2012](https://collab.tmforum.org/svn/repos/mtop/Product/trunk.%20Update%20on%2024Feb2012): Marc does not agree with this and thinks we should only point to RAM and MPAC but not reproduce in the latest MTOSI trunk.

### MTNM Rel. 4.0

**Action Item**: Steve needs to contact Andrea on this point. Update on 24Feb2012 call: Steve got in touch with Andrea. Andrea says that he is in any event populating the MTOSI DDPs with the control plane material from MTNM, and when he is done, a byproduct will be to have a set of BAs that can be used for MTNM and MTOSI. **One question remains**, i.e., these updated BAs will have more requirements than are satisfied by MTNM, e.g., the getInventory and updateInventory capabilities are in MTOSI but not in MTNM. How do we handle this?

(16 March 2012) Steve suggested that we mark items in the BAs as not pertaining to MTNM, as needed. Further, to make this process easier, we might just mark an entire section of a BA or an entire BA (e.g., Service Basic and Service Activation) as not pertaining to MTNM.

## MTOSI Migration Discussion

See the contribution from Steve Fratini concerning possible migration approaches at https://collab.tmforum.org/svn/repos/tip/Teams/MTNM-MTOSI-UsersGroup/InfrastructureMigration/Contributions/MigrationOptions.pptx.

The team focused mostly on Options #1 and #3. There was some interest in Option #3 but clearly no agreement at this point. It was agreed that we need more service provider input.

Bernd noted (and Steve agreed) that even if we did go with Option #3 there would still be deployment situations that have a mixture of MTOSI Classic and MTOSI – The Next Generation and thus we still need to work on the interface infrastructure migration plan (draft is at https://collab.tmforum.org/svn/repos/tip/Teams/MTNM-MTOSI-UsersGroup/InfrastructureMigration/InterfaceFrameworkMigration.xlsx).

Augie asked about the advantages of migrating to MTOSI – The Next Generation. Steve displayed a draft market note which is now located at

For those interested, please try to join the MMUG call on 23 March 2012. It would be good if you have some definition opinions or perhaps other options at that time.

## MTOSI Rel. 3.0 Updates for MRI

See the comparison document from Bernd Zeuner at https://collab.tmforum.org/svn/repos/tip/Teams/MTNM-MTOSI-UsersGroup/MTOSI\_3\_0/MTOSI-3.0\_Comparison-MRI.zip.

We did not get to this on the 16 March 2012 call.

## Overall MTOSI Migration Plan

The latest version of the MTOSI migration plan is listed below. This was updated on the call today (2 March 2012).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Domain** | **Details** | **Release** | **Date** | **Comments** |
| RTM / NRA | To be replaced by TIP RAM and MPAC | 3.0 | Sept-12 | In reasonable shape to make MTOSI Rel. 3.0 |
| RPM / NRA | TIP PM almost done, but needs file transfer, scheduling | 4.0 | June-13 | Have not started mapping table and mapping may be harder than for RTM |
| MRI, MSI | Need to finish FDD, then BA, IA, IIS | 4.0 | June-13 | Need to make sure all of SB (service state), NRB and NRF are in the SID |
| NRB, NRF | Additional SID alignment required  (need to restart this exercise) | 4.0 | June-13 | Related to MRI and MSI |
| SB, SA | There are dependencies on the Profiles and Templates study, and the SES – TIP Tiger team activity. These two items need to be completed and the necessary changes made to SB and SA BEFORE we map to the TIP SII using JOSIF. | 5.0 | March-14 | Marc prepared an initial mapping and handed this off to Jessie. He notes there is no IA from which to map. |
| RP | There are dependencies on the Profiles and Templates study, and the SES – TIP Tiger team activity. These two items need to be completed and the necessary changes made to SB and SA BEFORE we map to the TIP SII using JOSIF. | 5.0 | March-14 |  |
| MART | TIP “Ordering” | 4.0 | June-13 |  |

## Release Plans

The MTOSI and MTNM release plans were updated on the 2 March 2012. As noted on the call, many bugs fixes are being found based on the addition of the Control Plane work to MTOSI. Bernd stated that he does not think the addition of GPON activation will cause any mismatch issues between the IA and IIS.

### MTOSI

Bernd asked whether we need to align the MTOSI release numbers with the associated Frameworx releases such as 12.0. **Action Item**: Clive Deakin is to address this issue. Clive noted that the plan is to have a release number and a build number.

There was still some confusion as to the naming of MTOSI and the new TIP interfaces. **Action Item**: Clive Deakin is to address this issue. One possibility was to use something like Next Generation MTOSI. Rudolf was fine with using “Next Generation MTOSI” but wonder when we should apply the next term (given that for now only part of MTOSI is being replaced). There was a tentative agreement to call MTOSI Rel. 3.0 as “Next Generation MTOSI”. The current target for MTOSI Rel. 3.0 is Frameworx 12.0.

* MTOSI Rel. 2.1: addition of Carrier Ethernet service, many smaller updates, alignments and fixes
* MTOSI Rel. 3.0: The plan is to has this ready for final comments at the TAW in Madrid (September 2012)
  + addition of support for Control Plane (taken from MTNM 3.5)
    - Andrea has created new XSDs and XSD updates, and is working on the BA updates.
    - Bernd is working on the IA updates.
    - Bernd is also doing a comparison between the IA and IIS, which may not be ready until end of March. Then we need to actually make changes to address the discrepancies.
  + addition of GPON Activation – the associated FSD is now team approved, and it can be incorporated into MTOSI Rel. 3.0. The only changes are to MRI and RP.
    - Discrepancies between the IA and IIS are not expected here.
    - **Open Issue**: Bernd has an issue in changing the version number with regard to the updated XSD and WSDL. Jerome and Bernd discussed this a bit on the call, but did not arrive at a final resolution. Jerome seemed to think that maybe we should leave the version number unchanged. **Action Item**: Steve will send an email to Jerome, Bernd and Michel.
  + replacement of RTM DDP with TIP RAM and MPAC – review ready version is available.
    - We need to work on a procedure for including replacement interfaces in an MTOSI release. Steve, Michel and Bernd are to discuss this off-line.
* MTOSI Rel. 4.0: very rough estimate (June 2013)
  + replacement of RPM by TIP PM
  + replacement of MRI and MSI by TIP Inventory
  + Test and Diagnostics (this would be a new TIP interface but we may still want to package this as part of MTOSI)
* MTOSI Rel. 5.0: even more rough estimate (March 2014)
  + mapping and update of SB, SA and RP (there are impacts on this from the Profiles and Templates work, TIP Ordering and potentially from the joint work with the SES team).
  + there will also most like be impacts from the Connection Connectionless Convergence (CCC) work.

### MTNM

* MTNM Rel. 4.0: The plan is to has this ready for final comments at the TAW in Madrid (Sept. 2012)
  + Usage of DDP structure (depends on adding Control Plane to the DDPs). This is only for the BAs and IAs but not the IDL.
  + Do we want to add GPON to MTNM? We can, but we need a volunteer.

On this point, the team talked about the value of defining a JOSIF generator to output IDL from the IA.

# SVN Access Directions

The documents related to this team are being stored on the TM Forum SourceForge environment.

The link for the top level directory is

<https://collab.tmforum.org/svn/repos/tip/Teams/MTNM-MTOSI-UsersGroup>

You should be able to access this via your browser, but the login is different from your usual TM Forum login. See the following directions to determine your login:

Go to the TIP online community (front page at <http://www.tmforum.org/Community/groups/integration-program/default.aspx>) or the online community for which you are trying to access the document. On the right side of the page, select “Source Code” from the Project Workspace drop-down menu. Once you are on the Source Code page, look at the very top of the page. You will see something like “FirstName SurName (abcdef)”. The field in parenthesis (abcdef) is the login that you need to use to access documents on Source Code. Your password is the same TM Forum password that you normally use.

Alternately, you can use an SVN tool to check-out the entire directory to your PC:

1. Download the Tortoise SVN tool from <http://tortoisesvn.net/downloads.html>
2. Install Tortoise and restart your PC
3. Create a new directory on your PC where you want to check out the MMUG team files
4. Right click on the directory and choose checkout
5. Use <https://collab.tmforum.org/svn/repos/tip/Teams/MTNM-MTOSI-UsersGroup> as the repository from which you want to checkout documents. Don’t worry about the source directory as you are only checking out a copy and will not disturb or affect the document on the TM Forum SVN site.
6. The result of this command should copy the files to your directory.
7. Every so often, you want to do an “Update” on your local directory to fetch any new files from the repository ((right click on the directory to see the menu of Tortoise commands))
8. If you want to create a file and put it into the repository, you need to use the Commit command (right click on the directory to see the menu of Tortoise commands)