Converged Network Management in SA5
"Model Alignment Study"

Information session for OSS vendors

July 2nd 2010

“Model Alignment Study” ToC

- Objectives
- Scope
- Current Status
- Meeting Info

"Model Alignment Study" Objectives

- Enable management of converged networks:
  - CAPEX reduction (less development cost, less integration cost)
  - OPEX reduction (configuration of mobile and fixed NW's can be handled in the same manner & with the same work flows)
  - Enhanced management capabilities (e. g. consistent management of dependant configurations for mobile part and fixed part aspects)

- The goal is to allow the two organizations (3GPP & TMF) to evolve their respective NRMs and SID in a manner that they would become aligned to support consistent and integrated management of mobile and fixed networks.

"Model Alignment Study" Scope (1/2)

- 3GPP Approved Study Item: SP-090759 / S5-094316
- Equivalent Study Item approved by TMF (CR)
- Models related to the alignment study:
  - 3GPP Generic NRM IRP (TS 32.62x)
  - 3GPP Inventory NRM IRP (TS 32.69x)
  - TMF SID - Generic Definitions (as applicable)
  - TMF SID – Transport NW related Resource Definitions (MTOSI)

"Model Alignment Study" Scope (2/2)

- Model and model related topics included in the alignment study
  - Ensure naming uniqueness, and consider containment hierarchy
  - Model edge alignment (external objects/pointers)
  - Inventory entity alignment (hardware inventory, software inventory)
  - Alignment of (common approach towards) termination points / end points as well as connections / links
  - Common handling of vendor-specific model extensions
  - Managed Element Alignment
  - Managed Function Alignment/Inheritance

"Model Alignment Study" Current Status

- Initial model comparison information documented in TR 32.828 (sent to 3GPP SA#48 for Information)

- A first set of joint 3GPP/TMF Study conference calls took place, with current focus on scope discussions as well as information exchange

- *<u>Note</u>: a recent TMF board decision may have negative impacts on the success of the joint 3GPP/TMF Model Alignment Study (S5eTMF0031) – SA5 will evaluate the situation during SA5#72*

"Model Alignment Study" Meeting Info

- "Model Alignment Study" session(s) during SA5 meetings
- Bi-weekly conference calls including 3GPP members & TMF members (next call: July 29, after SA5#72 & TMF TAW)
- Current contribution list: http://webapp.etsi.org/meetingDocuments/ViewDocumentList.asp?MTG_Id=28916

Thank You!