



**Regional Transportation Technical Advisory Committee
Modeling Subcommittee (RTTAC-MS)
Meeting Agenda**

August 25, 2025 – 10:30 AM to 12:00 PM EST

In-Person at FDOT District 4

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- I. **Introductions** (5 minutes)
 - II. **SERPM 9.0: Model Maintenance Update/Overview** (15 minutes – Srin Varanasi/
Aditya Katragadda, The Corradino Group)
 - SERPM9.52 version adoption
 - III. **SERPM9.0: PTV VISUM Version Update** (15 minutes –Srin Varanasi/Aditya Katragadda,
The Corradino Group)
 - IV. **RTP Update** (15 minutes- Like Liu, Kittelson)
 - V. **Member Discussion** (15 minutes)
 - VI. **Next Meeting** (Workshop Format: September 29, 2025) Discussion (5 minutes)

Meeting Notes

The following is a summary of key points discussed during the July 28 RTTAC-MS meeting.

I. Introductions (5 minutes)

Paul Flavien, the RTTAC-MS Chair, welcomed the group and briefly presented the agenda. The RTTAC-MS voting members introduced themselves.

II. SERPM 9.0: Model Maintenance Update/Overview (15 minutes –Srin Varanasi/ Aditya Katragadda, The Corradino Group and Rosella Picado, WSP)

- Since the SERPM 951 release, Miami-Dade Specific Speed calibrations and network updates were performed.
- The latest test results were compared with the SERPM9.51 version. Overall model validation improved in terms of volume-to-count ratio and RMSE.
- SERPM952, i.e., SERPM951 patch release with other enhancements, will be incorporated for the next meeting.
- The current model run time for 77 threads is ~ 37 hours, and for 53 threads is ~53 hours.
- The model documentation has been updated with the chunking process for users with less than the recommended system RAM.

III. SERPM9.0: PTV Version Update (15 minutes –Srin Varanasi/Aditya Katragadda, The Corradino Group)

- Coordinated with PTV regarding Non-ABM matrices by time of day. There is no issue; the current matrix is a temporary matrix for computation. However, to avoid confusion, PTV provided the script update.
- PTV version “as-is” base year validation is 37.2% and V/C is 1.10.
- VISUM 2019 model runtime is ~26 hours (Resident and Visitor - 25% sample).
- VISUM 2019 model runtime is ~33 hours (Resident - 15% sample and Visitor – 0.1%).
- SERPM9 CUBE network updates will be incorporated into the PTV VISUM version.
- Fadi from Palm Beach County Engineering has requested the regional loaded networks and Palm Beach CF transit projects.

IV. RTP Update (15 minutes- Like Liu, Kittelson)

- The RTP team provided an update that the plan was successfully adopted in June 2025 and is working on minor updates.

V. Member Discussion (15 minutes)

The final discussion concluded with no further member comments.

VI. Next Meeting Discussion (5 minutes) – The next meeting will be a Hybrid meeting held at FDOT District 4 at 10:30 AM on August 25, 2025.