

Road Weather and the Reference Architecture

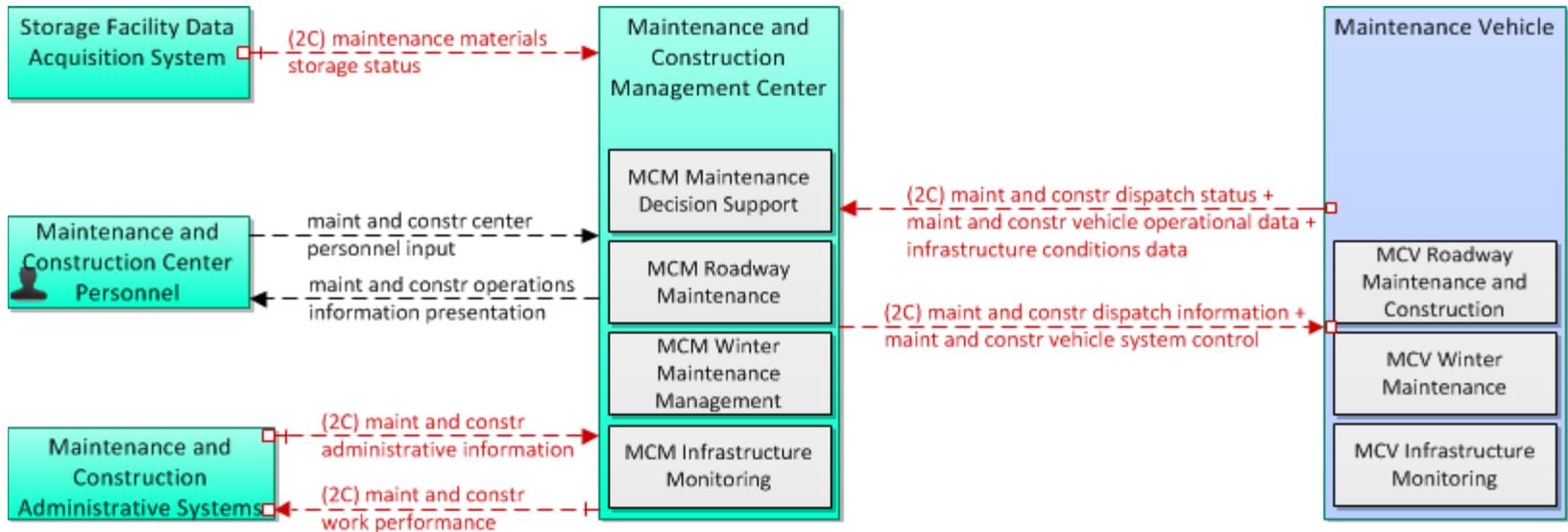
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Topics

- Road Weather activities **before and after** the advent of the Reference Architecture.
- **SET-IT Tool** for implementers and the Connected Vehicle Reference Implementation Architecture

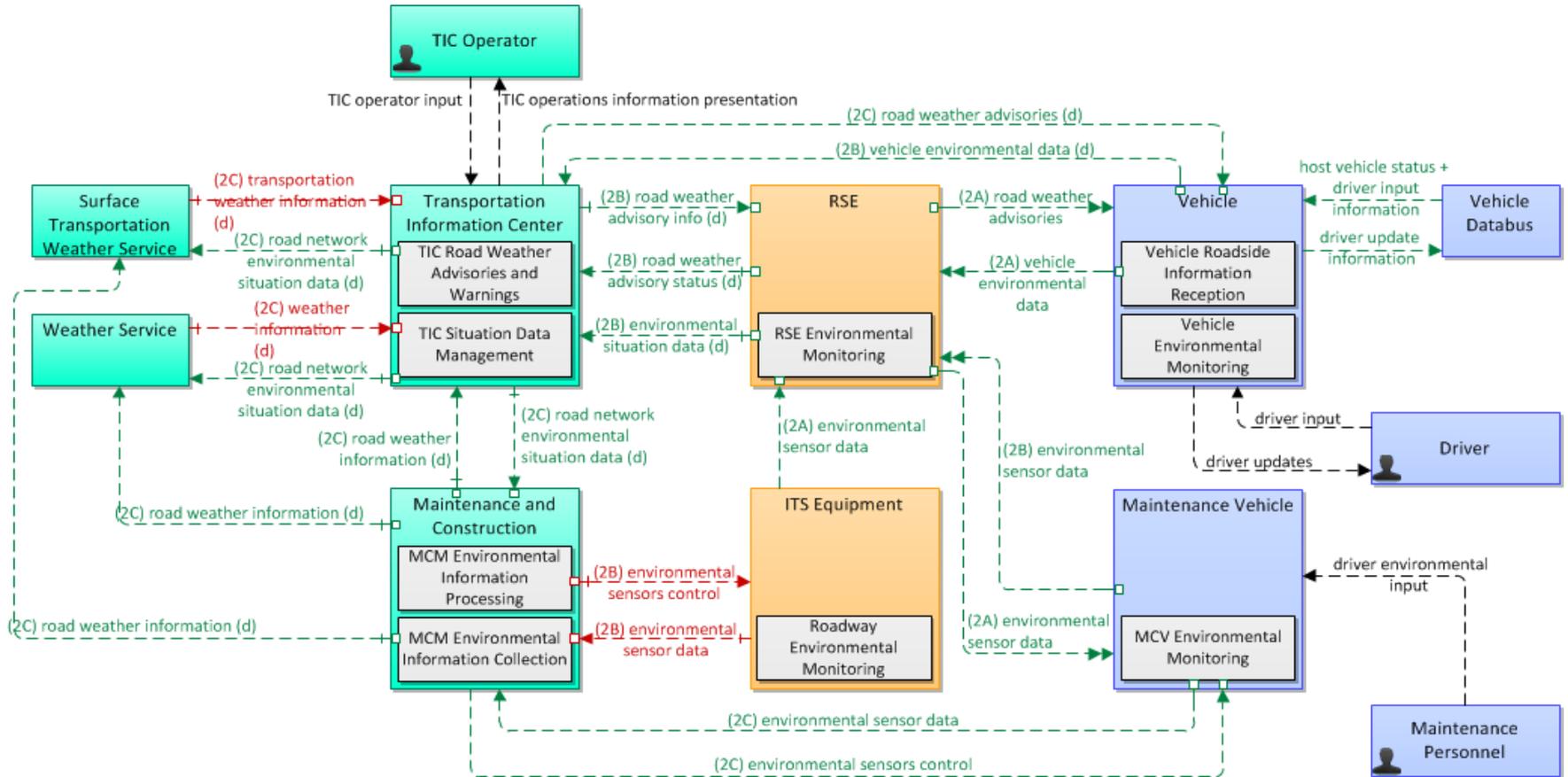
Before: Road Weather Information for Maintenance and Fleet Management



2: Road Weather information for Maintenance and Fleet Management Systems (Copy 1)

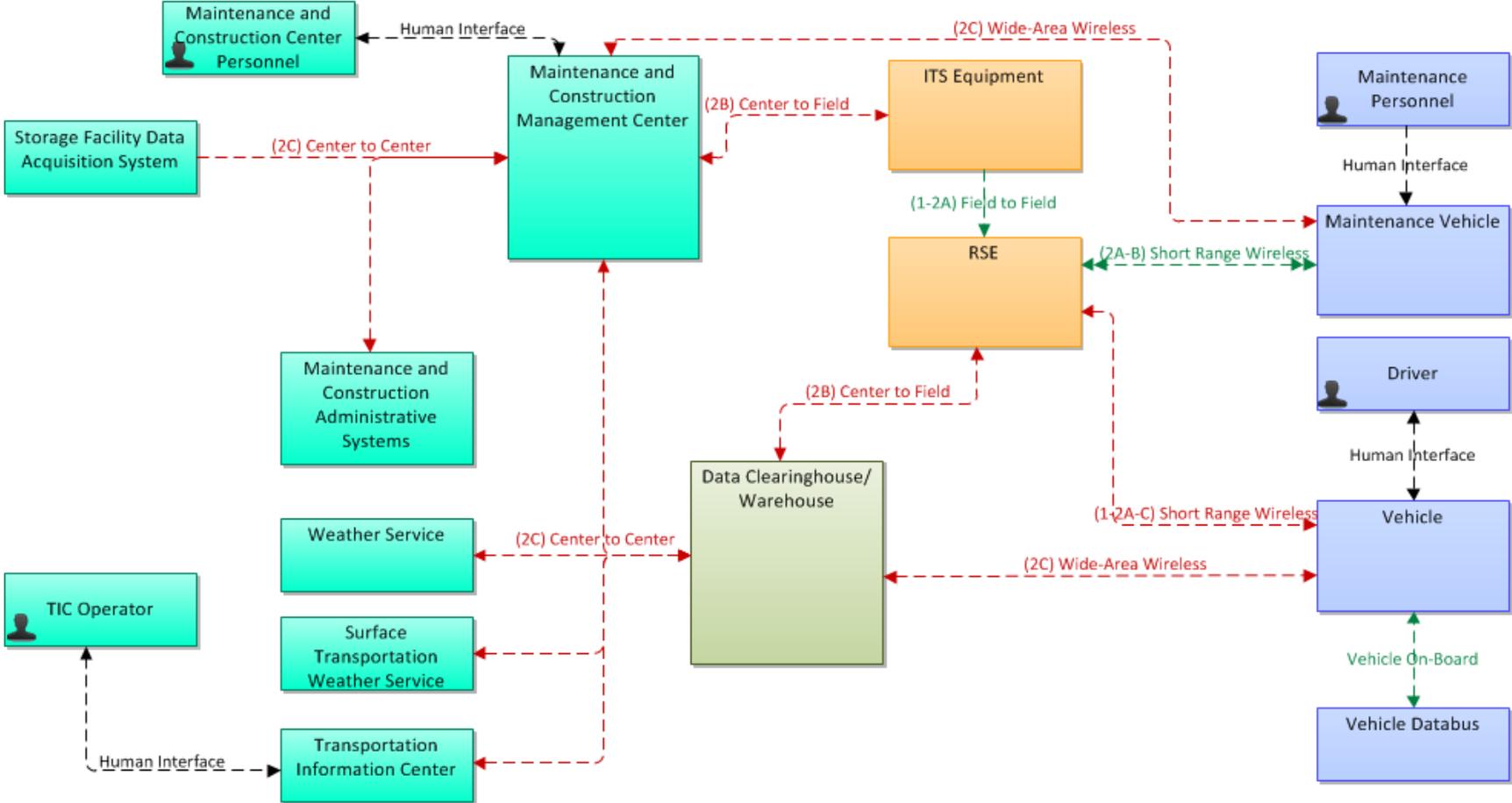
1	Based on CVRIA Physical Diagram r3	Aug 24 2015	NAT
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Before: Road Weather Advisories for Motorists



2: Road Weather Advisories and Warnings for Motorists (Copy 1)			
1	Based on CVRIA Physical Diagram r7	Aug 24 2015	NAT

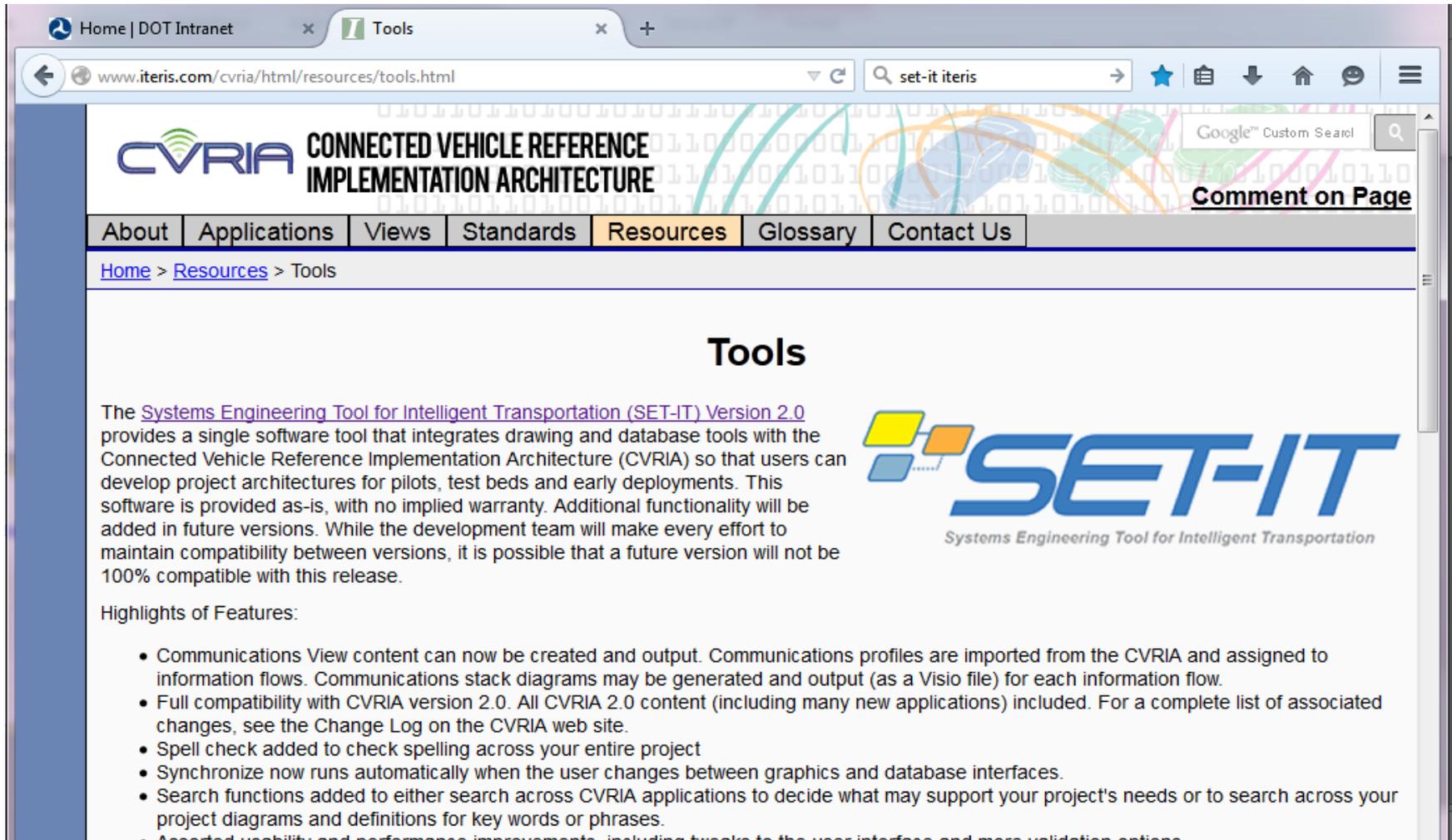
After: Road Weather Information Integrated with Data Distribution



0: LO v2			
1	Physical View	Aug 24 2015	NAT

SET-IT Tool, CVRIA

<http://www.iteris.com/cvria/html/resources/tools.html>



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CVRIA CONNECTED VEHICLE REFERENCE IMPLEMENTATION ARCHITECTURE

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Tools

The [Systems Engineering Tool for Intelligent Transportation \(SET-IT\) Version 2.0](#) provides a single software tool that integrates drawing and database tools with the Connected Vehicle Reference Implementation Architecture (CVRIA) so that users can develop project architectures for pilots, test beds and early deployments. This software is provided as-is, with no implied warranty. Additional functionality will be added in future versions. While the development team will make every effort to maintain compatibility between versions, it is possible that a future version will not be 100% compatible with this release.

Highlights of Features:

- Communications View content can now be created and output. Communications profiles are imported from the CVRIA and assigned to information flows. Communications stack diagrams may be generated and output (as a Visio file) for each information flow.
- Full compatibility with CVRIA version 2.0. All CVRIA 2.0 content (including many new applications) included. For a complete list of associated changes, see the Change Log on the CVRIA web site.
- Spell check added to check spelling across your entire project
- Synchronize now runs automatically when the user changes between graphics and database interfaces.
- Search functions added to either search across CVRIA applications to decide what may support your project's needs or to search across your project diagrams and definitions for key words or phrases.
- Assorted usability and performance improvements, including tweaks to the user interface and more validation options.

