

Assumptions:

1. All the Districts will be setup with the same architecture. The 511 server will have one connection to District 1 and one connection to District 2/3.
2. There are three (3) districts, each district with their own independent ITS management platforms.
3. All external web services user/agency authentications shall be completed at the External Data Exchange as seen in Detailed View (page 2).
4. NDOT may use a self signed X.509 certificates assigned by IP or a third party certificate from VeriSign

Legend:

- CCHQ NDOT Carson City Headquarters (CCHQs)
- D2 District 2
- D2/3 District 2 and District 3
- Self-Signed X.509 Certificate from TMDD Server
- VeriSign Issued Certificate on Web Server
- RWIS Roadway Weather Information System
- TMS Traffic Management System

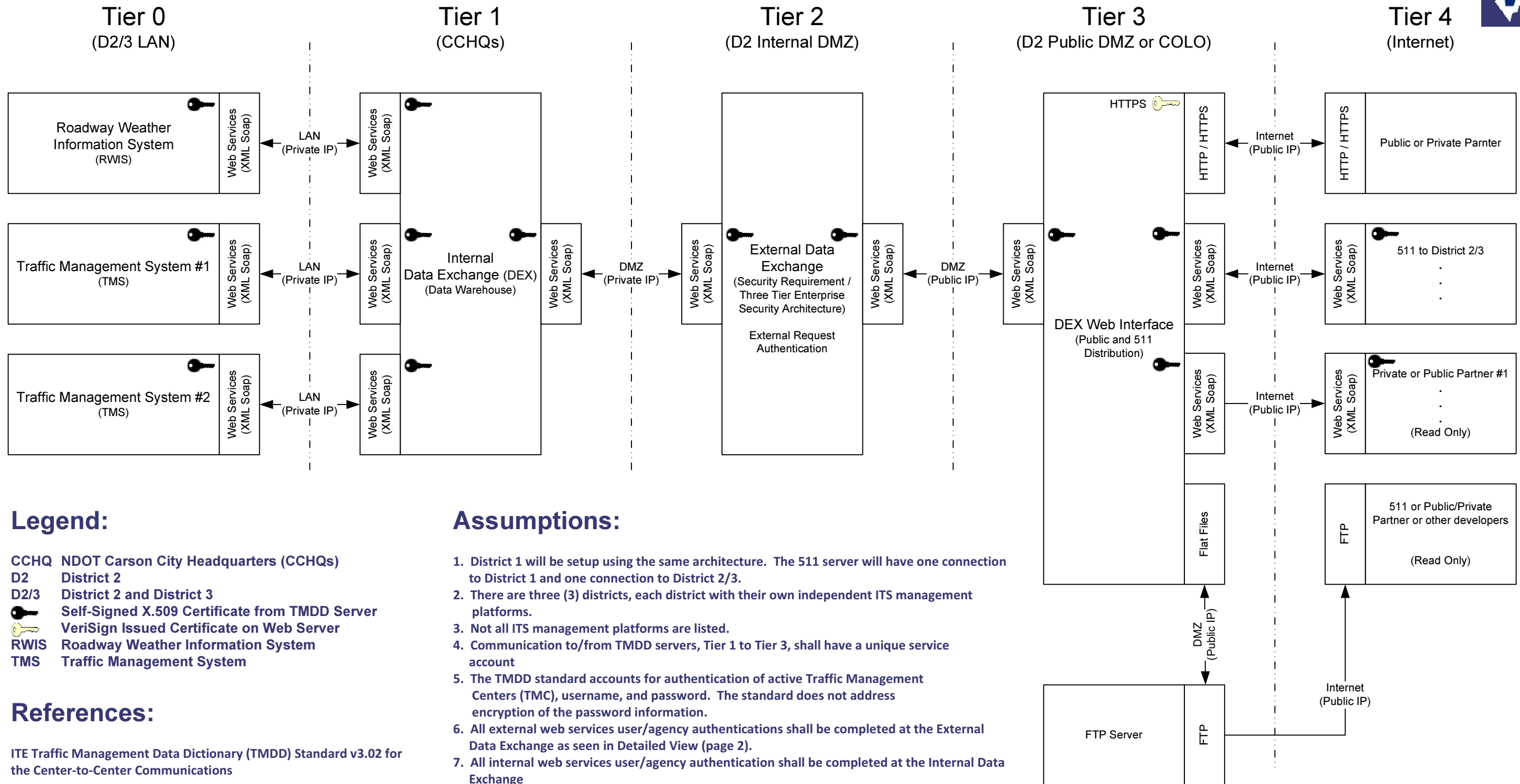
References:

ITE Traffic Management Data Dictionary (TMDD) Standard v3.02 for the Center-to-Center Communications

1. <http://www.ite.org/standards/tmdd/>
2. <http://www.ite.org/standards/tmdd/3.02.asp>
3. <http://www.ite.org/standards/tmdd/3.02/TMDDv3.02-Vol1-draft01.pdf>
4. <http://www.ite.org/standards/tmdd/3.02/TMDDv3.02-Vol2-draft01.pdf>

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Network Software Architecture – TMDD Communications – Detailed View - V1



Legend:

- CCHQ NDOT Carson City Headquarters (CCHQs)
- D2 District 2
- D2/3 District 2 and District 3
- Key icon Self-Signed X.509 Certificate from TMDD Server
- Key icon VeriSign Issued Certificate on Web Server
- RWIS Roadway Weather Information System
- TMS Traffic Management System

References:

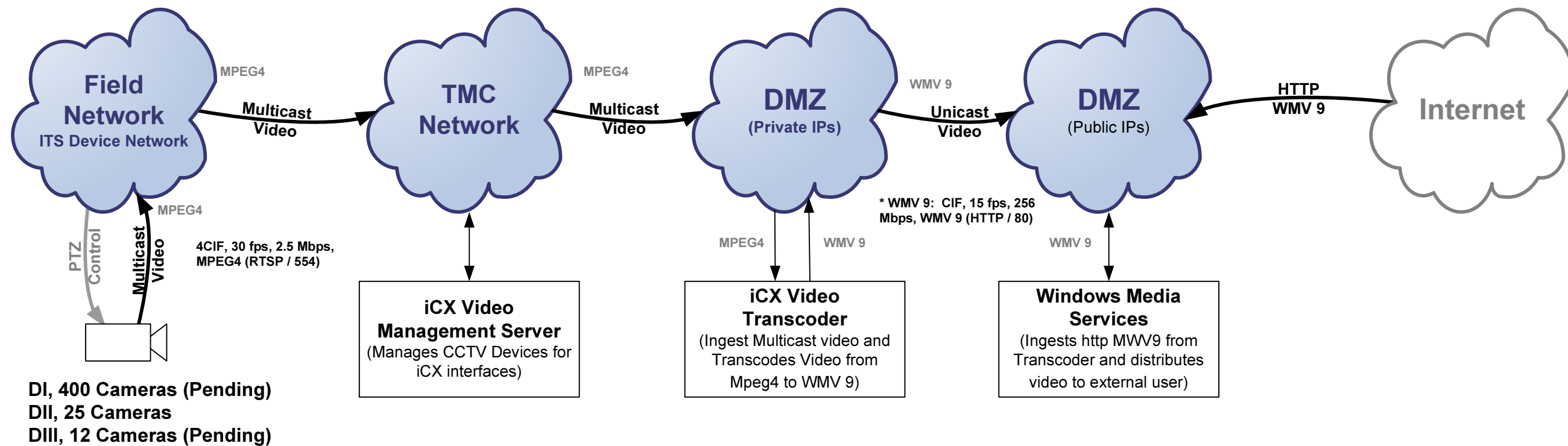
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- <http://www.ite.org/standards/tmdd/>
- <http://www.ite.org/standards/tmdd/3.02.asp>
- <http://www.ite.org/standards/tmdd/3.02/TMDDv3.02-Vol1-draft01.pdf>
- <http://www.ite.org/standards/tmdd/3.02/TMDDv3.02-Vol2-draft01.pdf>

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Examples:

http://wms.its.dot.state.nv.us:80/nugget_1
<http://www.nevadadot.com/cameras/>



Legend:

- C2F Center to Field
- CCTV Closed Circuit Television (System)
- CSS Central System Software (System)
- ITS Intelligent Transportation Systems
- TMS Traffic Management System
- V2M Video to Media – New Stations, etc.
- V2W Video to Web – NHP, Police Fire, etc.
- V2P Video to Public

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