**TIE – ATD**

**TIE – ATD Communication**

1. VSE/ENS finds (new) file – No Reputation (local cache).
2. Reputation Request from ENS -> TIE Client -> DXL Client -> DXL Broker -> DXL Fabric -> TIE Server.
3. No local Reputation from ATD.
4. TIE Response (Reputation info + ATD candidate flag + TIE-ATD proxy info + IP).
5. ENS sends file sample to TIE-ATD IP (step #4).
6. TIE Server sends sample to ATD (API call).
7. ATD broadcasts Reputation on “/mcafee/event/atd/file/report” DXL topic.
8. TIE server updates Reputation + Poll ATD via API call.
9. TIE Server computes Composite Reputation.
10. TIE Server broadcasts the Composite Reputation.

Diagram

Description automatically generated

Diagram

Description automatically generated







Diagram

Description automatically generated

**TIE – ATD Authentication**

1. Certificate based

Diagram

Description automatically generated

[0](https://confluence-lvs.prod.mcafee.com/display/MFE/Certificate+based+authentication+-+Design)