



Welcome to the World of Standards



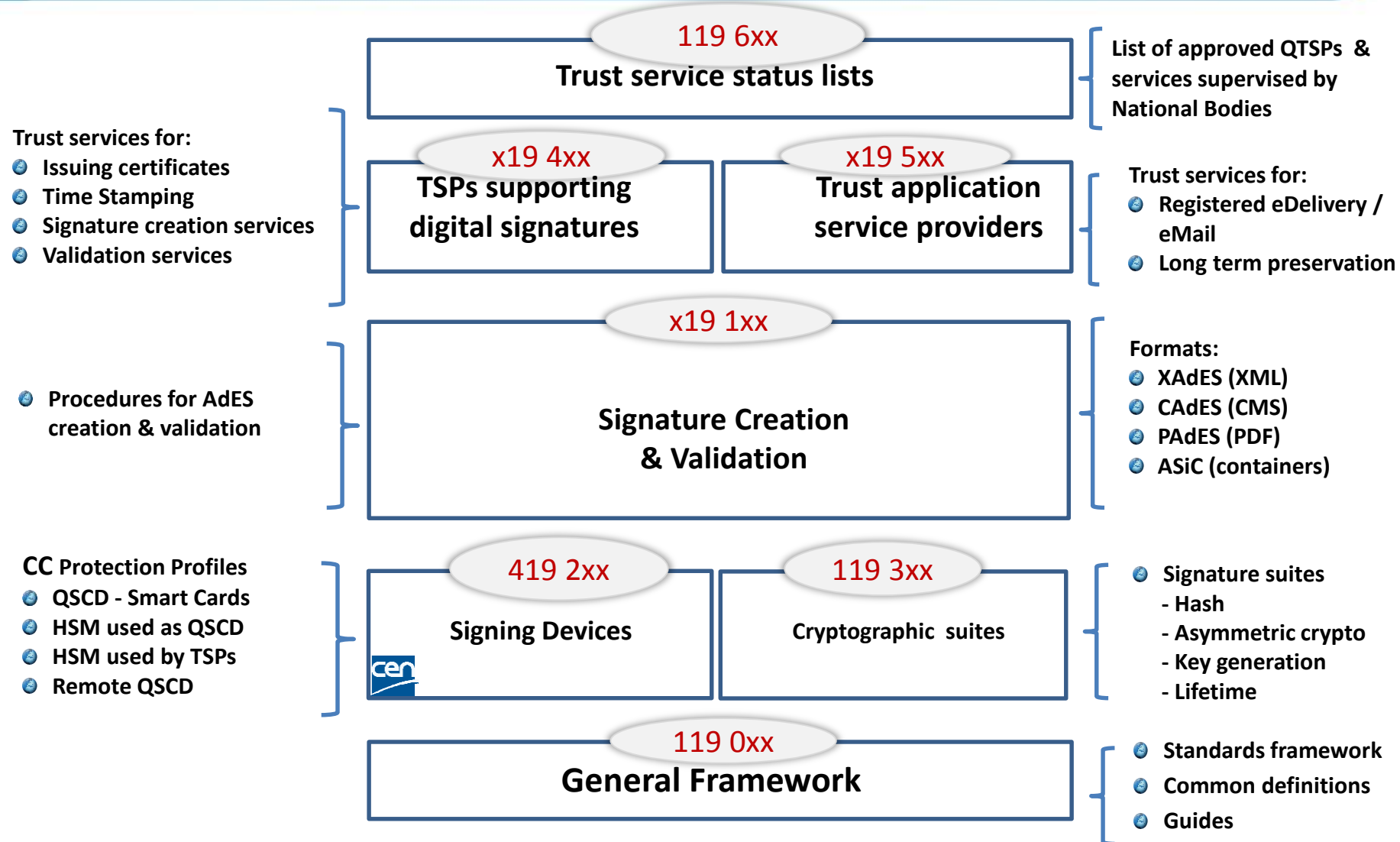
ETSI TC ESI WORK ON ELECTRONIC REGISTERED DELIVERY SERVICES

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- STF 523 concept and context
- STF 523 Goals
- STF 523 foreseen calendar
- Some details on EN 319 521 and en 319 531
- Some details on EN 319 522
- Some details TS 119 524 and TS 119 534
- Some details on TR 119 500 (business guidance)
- STF-523 contacts, comments and more info
- Instructions for commenting drafts.
- Additional Information on ETSI documents

Context (1) eIDAS Standards Framework: Published Standards



- To support articles 43 and 44 of eIDAS Regulation, TC ESI started working on standards for
 - Electronic registered delivery
 - Registered electronic email
- This work is funded by an EC/EFTA grant (SA/ETSI/ENTR/000/2015-08)
- TC ESI is assisted by a Specialist Task Force (STF 523) to perform the work.
 - A Specialist Task Force is a team “established to support the ETSI Technical structure to accelerate the production of standards urgently required by the ETSI Members or the European Commission (EC) and the European Free Trade Association (EFTA)”.

-  Produce the following standards:
 - EN 319 522: Electronic Registered Delivery Services.
 - Four parts: Framework and architecture, semantic contents, formats, and bindings.
 - EN 319 532: Registered Electronic Mail (REM) Services.
 - Four parts: Framework and architecture, semantic contents, formats, and interoperability profiles
 - EN 319 521: Policy and security requirements for ERDS Providers.
 - EN 319 531: Policy and security requirements for REM Service Providers.
 - TS 119 524: Testing Conformance and Interoperability of Electronic Registered Delivery Services.
 - TS 119 534: Testing Conformance and Interoperability of Registered Electronic Mail Services.
 - TR 119 500: Guidance on the use of standards for Trust Application Service Providers

- Calendar for EN 319 521, EN 319 531, EN 319 522, and EN 319 532:
 - **Stable drafts for public review: since 31/10/2017**
 - **End of public review: 29/12/2017.**
 - **Final drafts approved by ETSI ESI for EN Approval Process (ENAP): 30/4/2018.**
 - **Start voting for ENs: 1/12/2018.**
 - **End voting for ENs: 31/1/2019.**
- Calendar for ETSI TS 119 524, ETSI TS 119 534:
 - **Final drafts approved by ETSI ESI: 30/11/2018.**
- Calendar for ETSI TR 119 500:
 - **Final draft approved by ETSI ESI: 30/11/2018.**
- **ALL DELIVERABLES PUBLISHED: 28/2/2019**

**SOME DETAILS ON
ETSI EN 319 521 / 531
AND
ETSI TR 119 500**



Some details on EN 319 521/531 and TR 119 500



- EN 319 521/532: Policy and security requirements for Electronic Registered Delivery Service respectively Registered Mail Providers: **stable drafts**
 - Aligned with EN 319 401 (General Policy Requirements for TSPs)
 - Conformity assessment requirements for QERDSP and QERDS.
 - Contains ERDSP specifics requirements based on Section 7 of EN 319 401
 - Contains cumulative requirements for Non-QERDSP and QERDSP
 - Addressed legal requirements from article 44 eIDAS Regulation: conformity assessment criteria
- TR 119 500: Guidance on the use of standards for Trust Application Service Providers: **pending**
 - Takes into consideration previous work from STF 457 (Rationalised Framework for electronic signatures standards)
 - Will provide guidance for the selection of standards for Electronic Registered Delivery services for given business requirements.
 - To be completed when the other standards are stabilized or completed.

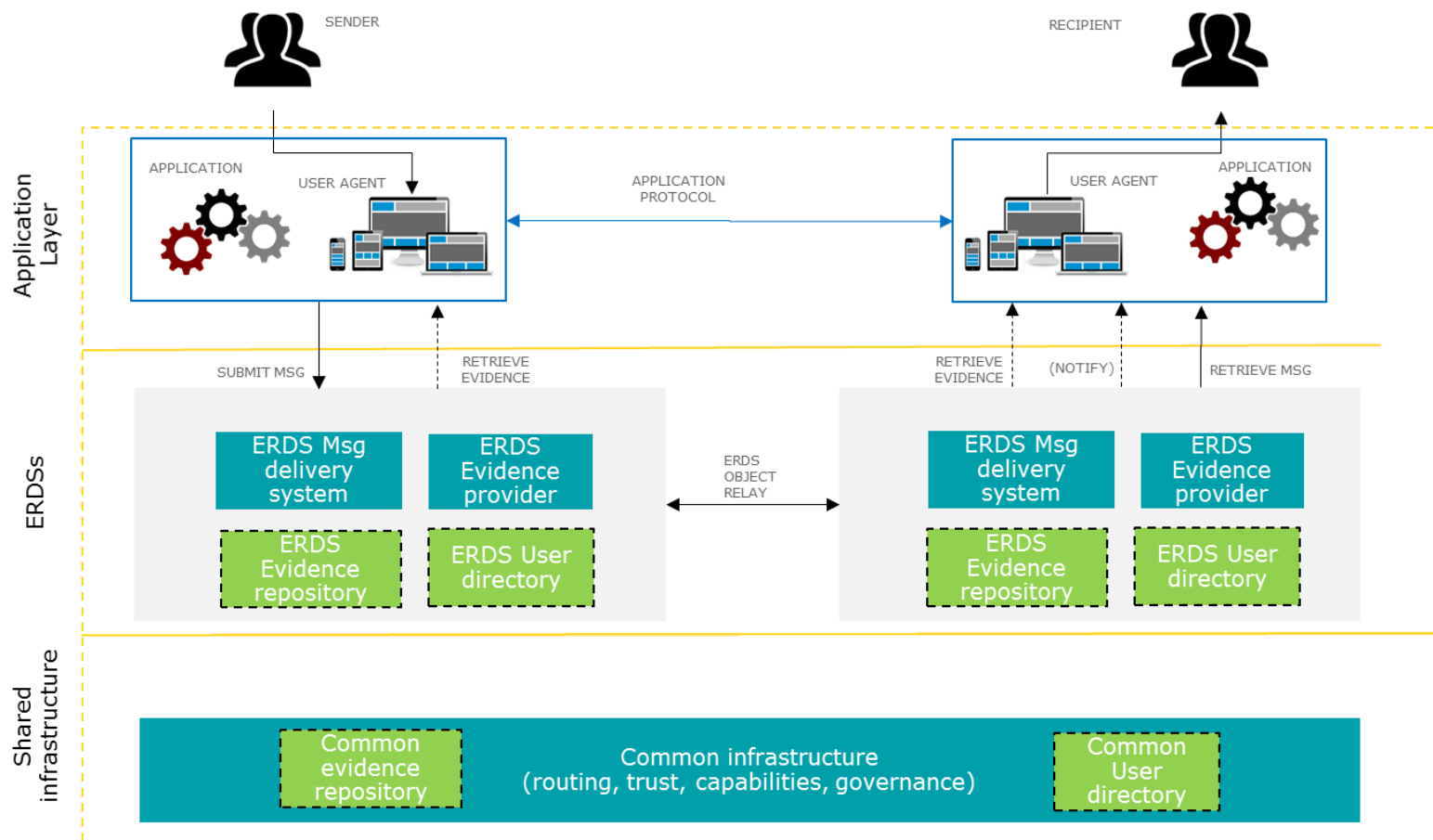
SOME DETAILS ON ETSI EN 319 522



- Technical specifications for (Qualified) Electronic Registered Delivery Services
- Includes technical specifications for
 - Conformance
 - Interoperability
- Structure:
 - Part 1: Framework and Architecture
 - Part 2: Semantic Contents
 - Part 3: Formats
 - Part 4: Bindings
 - **Sub-part 1: message delivery binding**
 - **Sub-part 2: evidence and identification binding**
 - **Sub-part 3: capability/requirements binding**

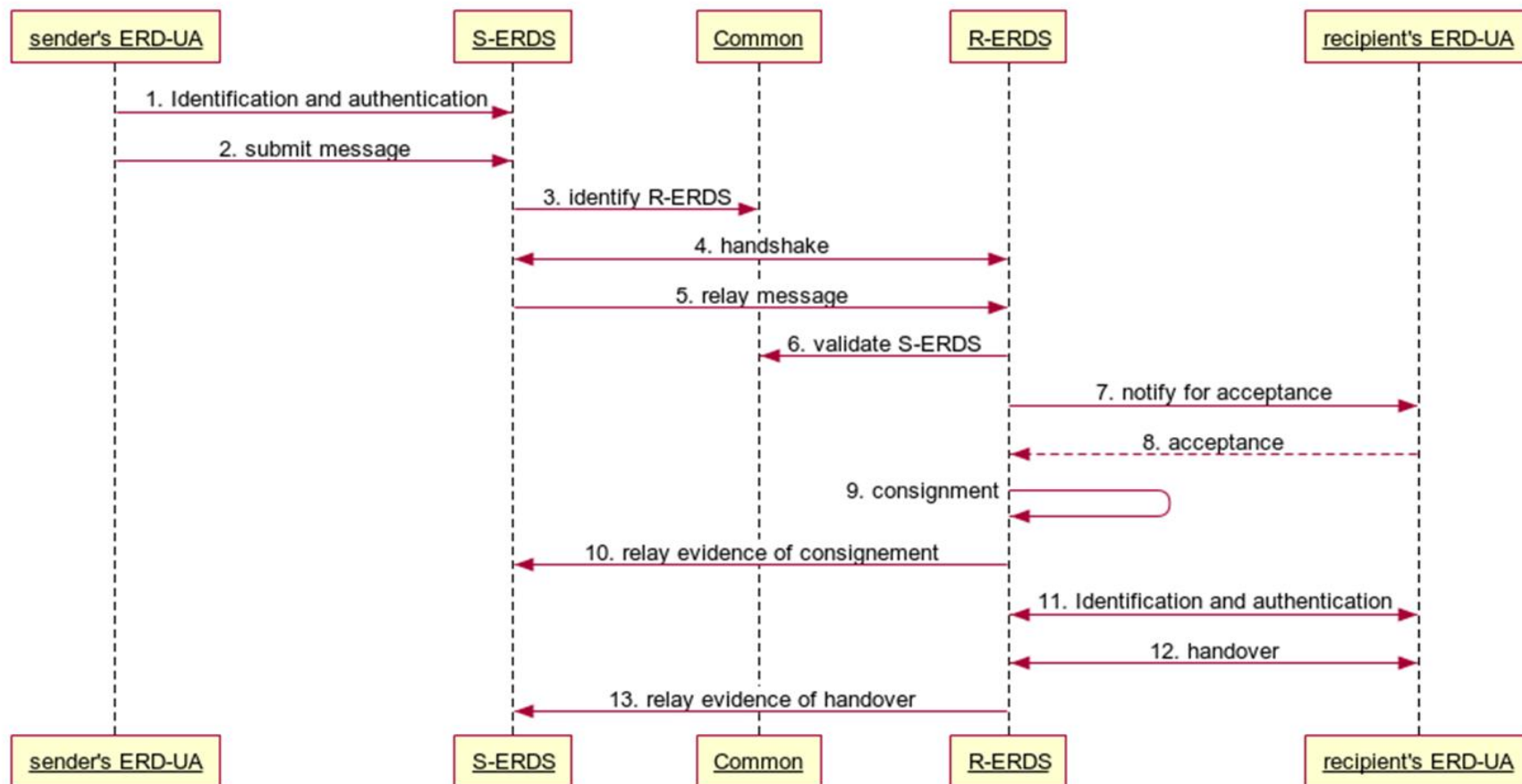
Some details on EN 319 522

Part 1: Framework and Architecture: Overview and general model for (Q)ERDS



Some details on EN 319 522

Part 1: Framework and Architecture: Overview and general model for (Q)ERDS



Part 3: Formats: specific formats for data

- RFC 5322, S/MIME formats for metadata → pointer to EN 319 532
- ebMS AS4 formats for metadata
- XML format for evidences
- SMP format for service discovery metadata

Semantic content (from EN 319 522-2)	Mapping to AS4 header elements
Submit date and time	SubmissionTimestamp
Relay date and time	//eb:Messaging/eb:UserMessage/eb3:MessageInfo/eb3:Timestamp
Expiration date	ExpirationTimestamp
Recipient authentication level	RequiredRecipientAuthenticationLevel
Applicable policy	Policy
Sender's identity data	
Sender's address	SenderAddress

Part 4-1: Bindings

- **Sub-part 1: message delivery binding**
 - **Sub-part 2: evidence and identification binding**
 - **Sub-part 3: capability/requirements binding**
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- **Message flow**
 - Identification of specific protocols for ERDS RI interface
 - packaging of content, metadata, evidence in protocol specific constructs
 - **Capability flow**
 - Identification of specific protocol for CSI interface
 - packaging of discovery metadata in protocol specific constructs

**SOME DETAILS ON
ETSI TS 119 524
AND
ETSI TS 119 534**





🌐 ETSI TS 119 524:

- Part 1: will specify test assertions for testing technical conformance against relevant parts of ETSI EN 319 522. The STF team will identify these relevant parts and the actual scope of the test assertions set to be defined.
- Part 2: will specify test suites for supporting interoperability tests among providers of Electronic Registered Delivery services. These test suites will not overlap with any already existing test suites but will complement them. The STF team will identify what parts of the EN 319 522 will be the suitable targets for these test suites.

🌐 ETSI TS 119 534:

- Part 1: Same goal and methodology as for ETSI TS 119 524, but now for relevant parts of ETSI EN 319 532.
- Part 2: Same goal and methodology as for ETSI TS 119 534 but for relevant parts of ETSI EN 319 532. This task will start from the already existing ETSI TR 103 071: “Test suite for future REM interoperability test events”

Thank you!



Public web page:

<https://portal.etsi.org/STF/stfs/STFHomePages/STF523>

All documents available at

https://docbox.etsi.org/ESI/Open/Latest_Drafts/

Electronic mail:

- Juan Carlos Cruellas (STF leader): cruellas@ac.upc.edu
- Comments also to: E-SIGNATURES_COMMENTS@LIST.ETSI.ORG

For review comments, please use the **template for comments**:

https://docbox.etsi.org/ESI/Open/Latest_Drafts/Template-for-comments.doc

ETSI Documents: Free download

<http://www.etsi.org/standards-search>

E-Signature news:

http://list.etsi.org/scripts/wa.exe?SUBED1=e-signatures_news&A=1

Further information:

<https://portal.etsi.org/TBSiteMap/ESI/TrustServiceProviders.aspx>