Peppol Reporting Dev Slides

End User Statistics Report
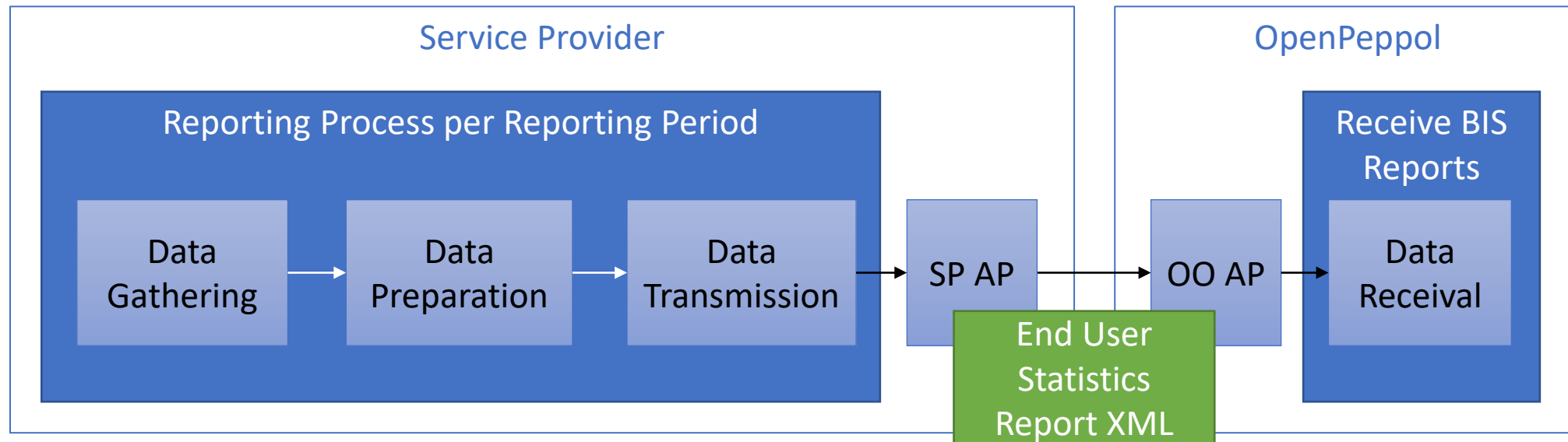
Transaction Statistics Report
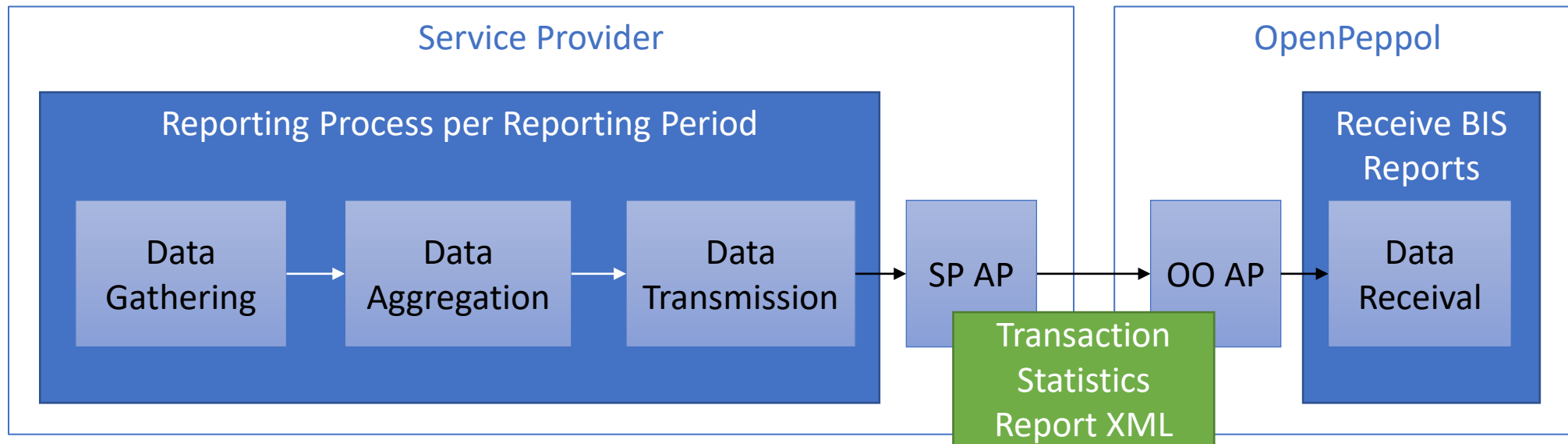
Data collection on sending
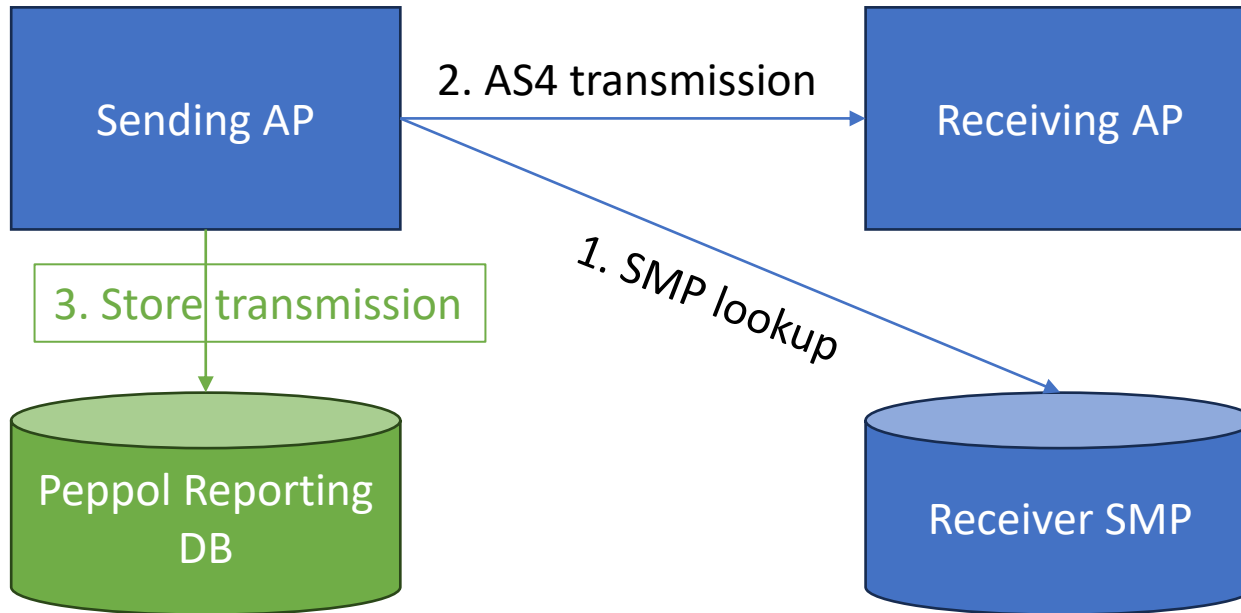
Sending AP

2. AS4 transmission

Receiving AP

3. Store transmission

1. SMP lookup

Peppol Reporting DB

Receiver SMP

- Each transmission is an instance of class `PeppolReportingItem`
- Storing to DB via implementation of SPI interface `IPeppolReportingBackendSPI`

Data collection on receiving

Sending AP

2. AS4 transmission →

Receiving AP

1. SMP lookup

Receiver SMP

3. Store transmission

Peppol Reporting DB
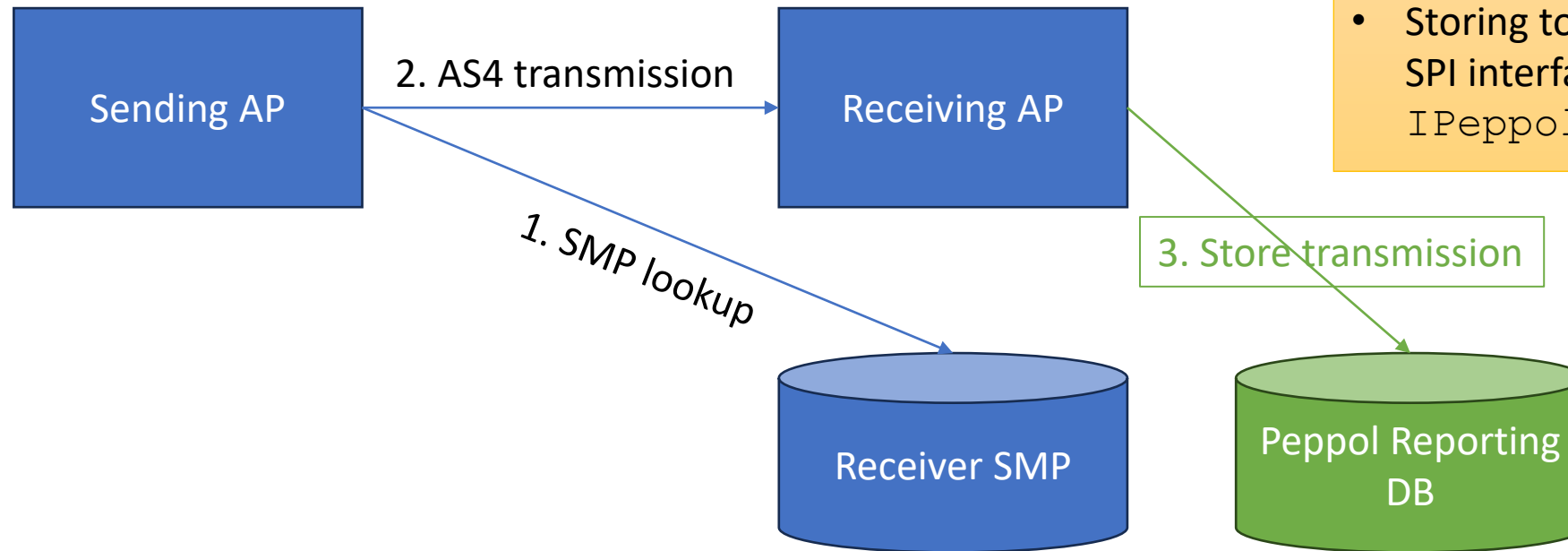
- Each transmission is an instance of class `PeppolReportingItem`
- Storing to DB via implementation of SPI interface `IPeppolReportingBackendSPI`

Report creation and transmission

2. Create Reports

Report XML

Reporting Aggregator / Preparator

3. Trigger for sending

Sending AP

5. AS4 transmission

OpenPeppol Receiving AP

4. SMP lookup

1. Read all transmissions

Peppol Reporting DB

Receiver SMP

- Reading from DB via implementation of SPI interface `IPeppolReportingBackendSPI`
- Each transmission is an instance of class `PeppolReportingItem`
- Create TSR via `TransactionStatisticsReport` `.builder()` using `List<PeppolReportingItem>`
- Create EUSR via `EndUserStatisticsReport` `.builder()` using `List<PeppolReportingItem>`
- Perform Schematron validation