

Maintenance Management Information Exchange Model (MMIXM)

MMIXM Diagram Report for MMIXM Final Release Version 3.0.0

11 August 2023

MMIXM Development Team

Prepared for:
Federal Aviation Administration
CLMRS Portfolio Programs (AJM-2330)
800 Independence Avenue
Washington, D.C. 20591



U.S. Department of Transportation
John A. Volpe National Transportation Systems Center

Volpe

Table of Contents

MMIXM diagram.....	3
Base Packages diagram	4
<i>ContactInformation diagram</i>	5
<i>Location diagram</i>	6
<i>Measures diagram</i>	7
<i>UnitsofMeasure diagram</i>	8
<i>Message diagram</i>	9
<i>MMIXMDataTypes diagram</i>	10
<i>PersonOrganization diagram</i>	11
Features Packages diagram.....	12
<i>AssetIdentifier diagram</i>	13
<i>AssetRelationshipHierarchy diagram</i>	14
<i>Asset diagram</i>	15
<i>Monitoring diagram</i>	16
<i>Qualifications diagram</i>	17

MMIXM diagram

Class diagram in package 'MMIXM'

MMIXM

Version 3.0.0

FAA created on 6/7/2016. Last modified 1/13/2023

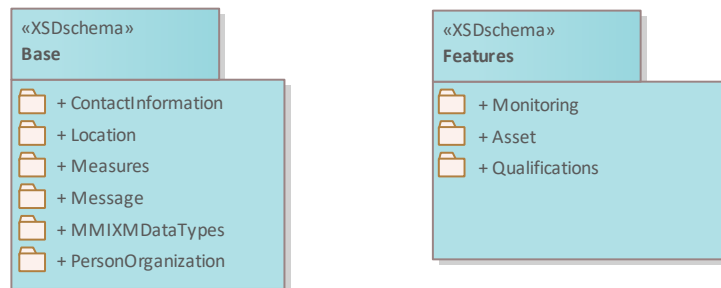


Figure 1: MMIXM

Base Packages diagram

Class diagram in package 'Base'

Base Packages

Version 3.0.0

FAA created on 7/20/2016. Last modified 12/20/2022

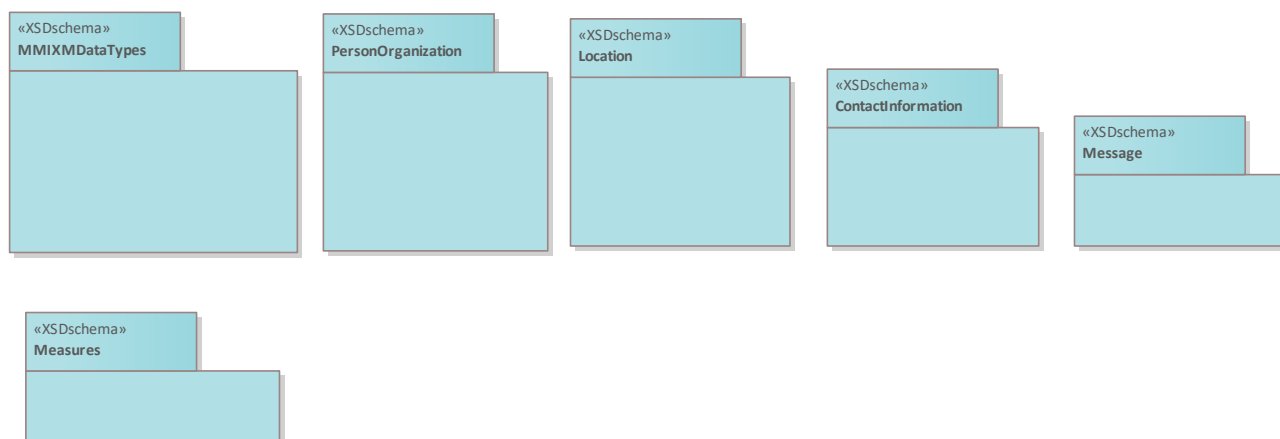


Figure 2: Base Packages

ContactInformation diagram

Class diagram in package 'ContactInformation'

ContactInformation

Version 3.0.0

FAA created on 7/20/2016. Last modified 12/20/2022

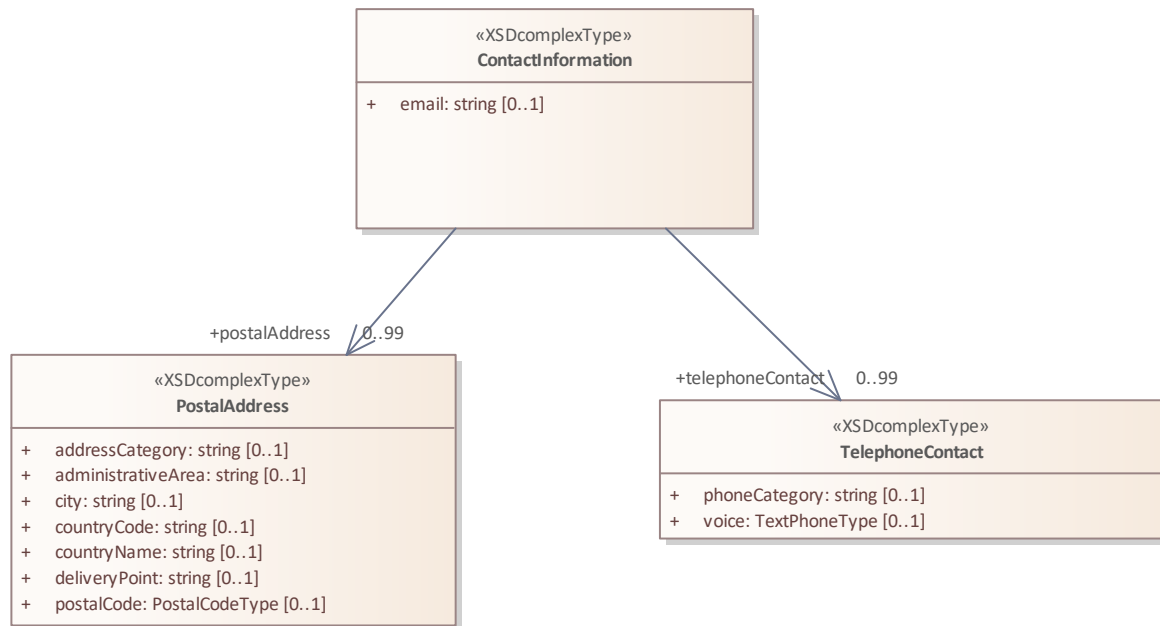


Figure 3: ContactInformation

Location diagram

Class diagram in package 'Location'

Location
Version 3.0.0

FAA created on 6/14/2016. Last modified 12/20/2022

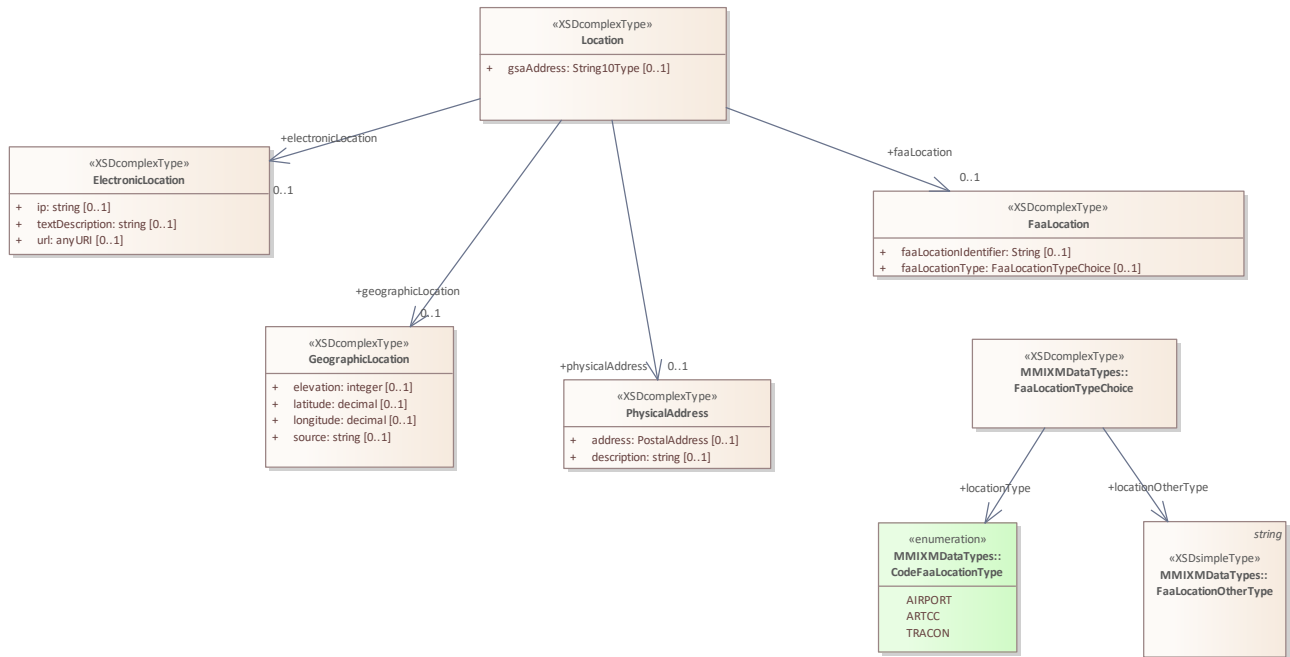


Figure 4: Location

Measures diagram

Class diagram in package 'Measures'

Measures
Version 3.0.0

FAA created on 9/28/2017. Last modified 1/13/2023

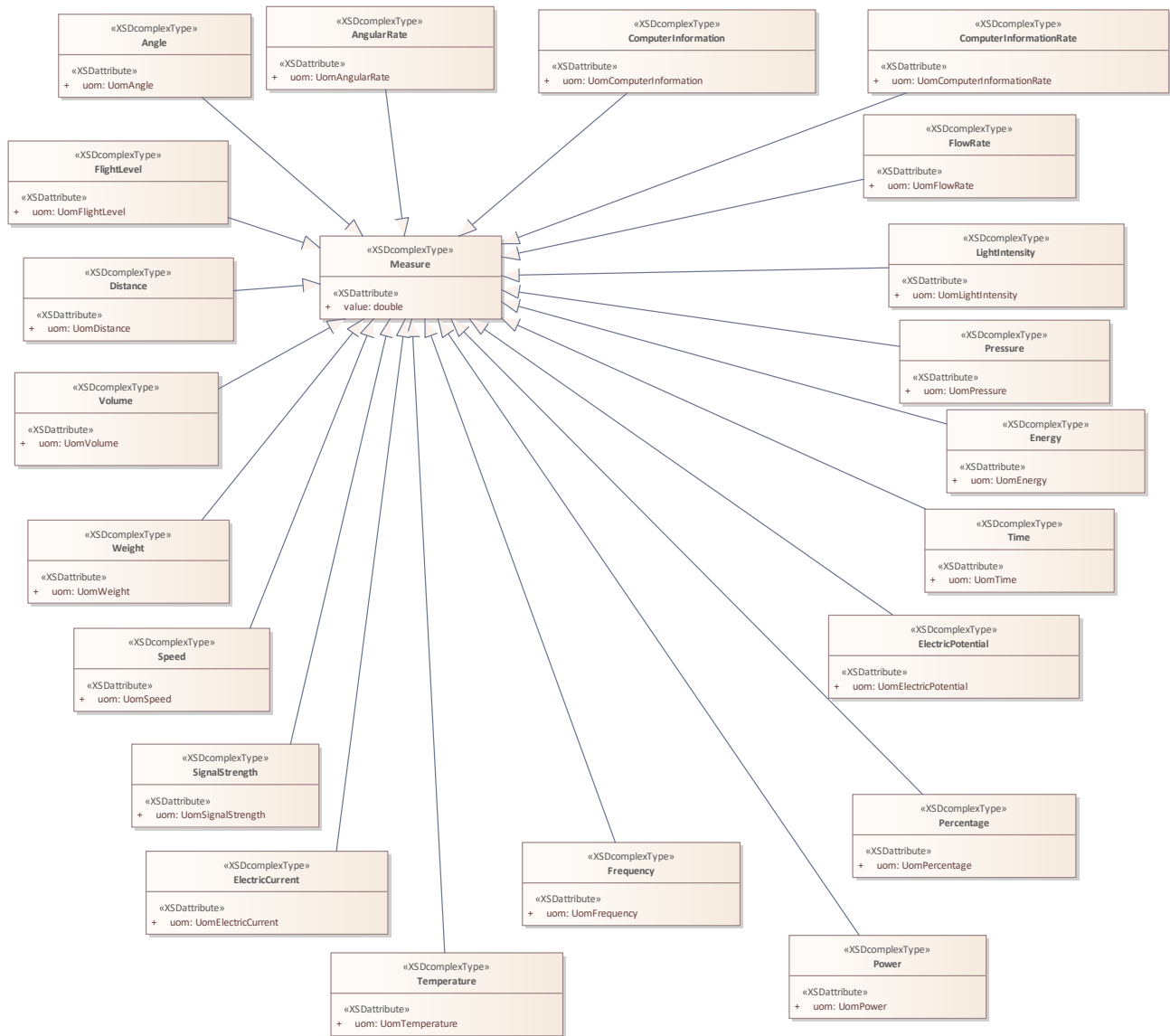


Figure 5: Measures

UnitsofMeasure diagram

Class diagram in package 'Measures'

UnitsofMeasure

Version 3.0.0

FAA created on 9/29/2017. Last modified 1/13/2023

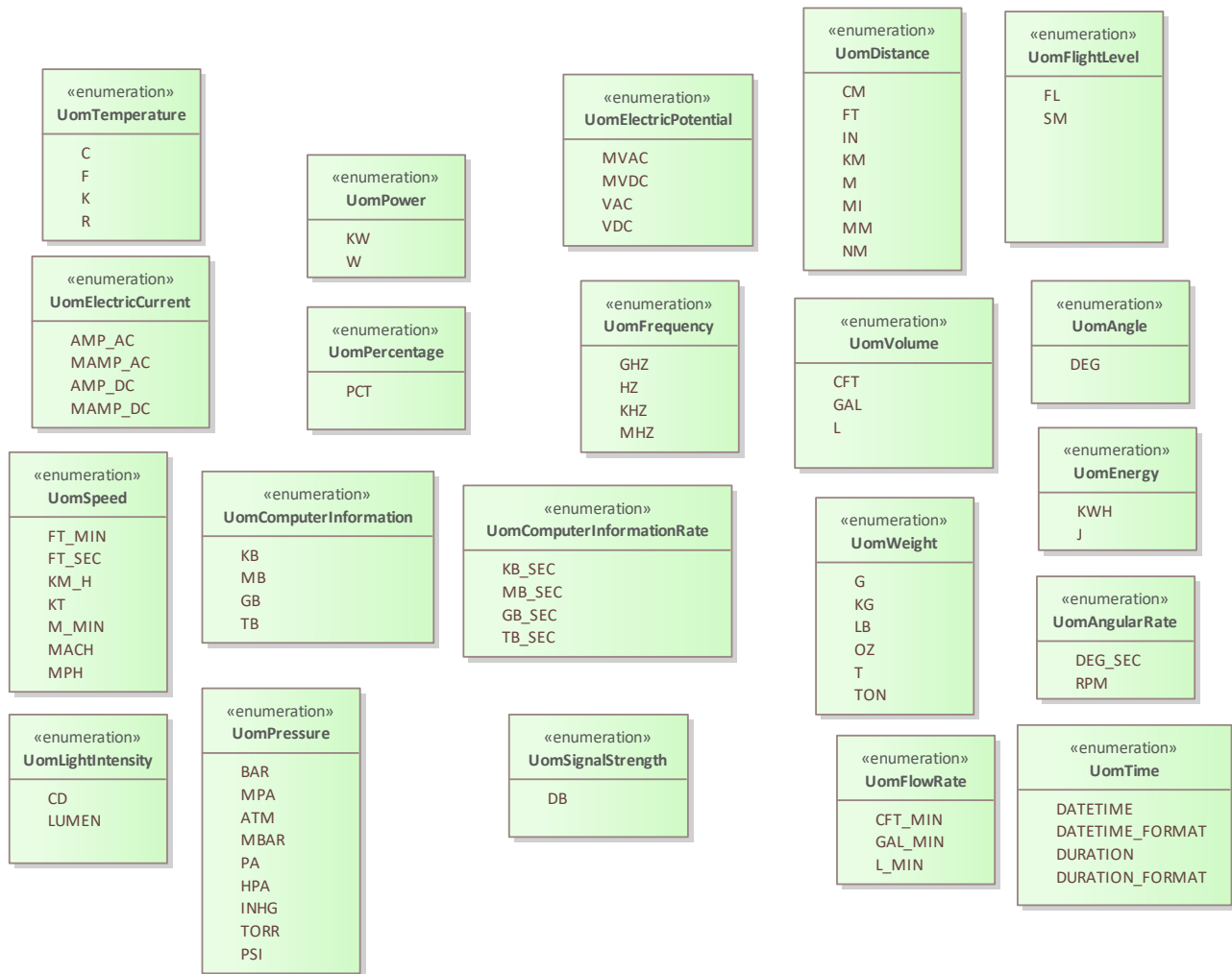


Figure 6: UnitsofMeasure

Message diagram

Class diagram in package 'Message'

Message
Version 3.0.0

FAA created on 2/22/2017. Last modified 12/20/2022

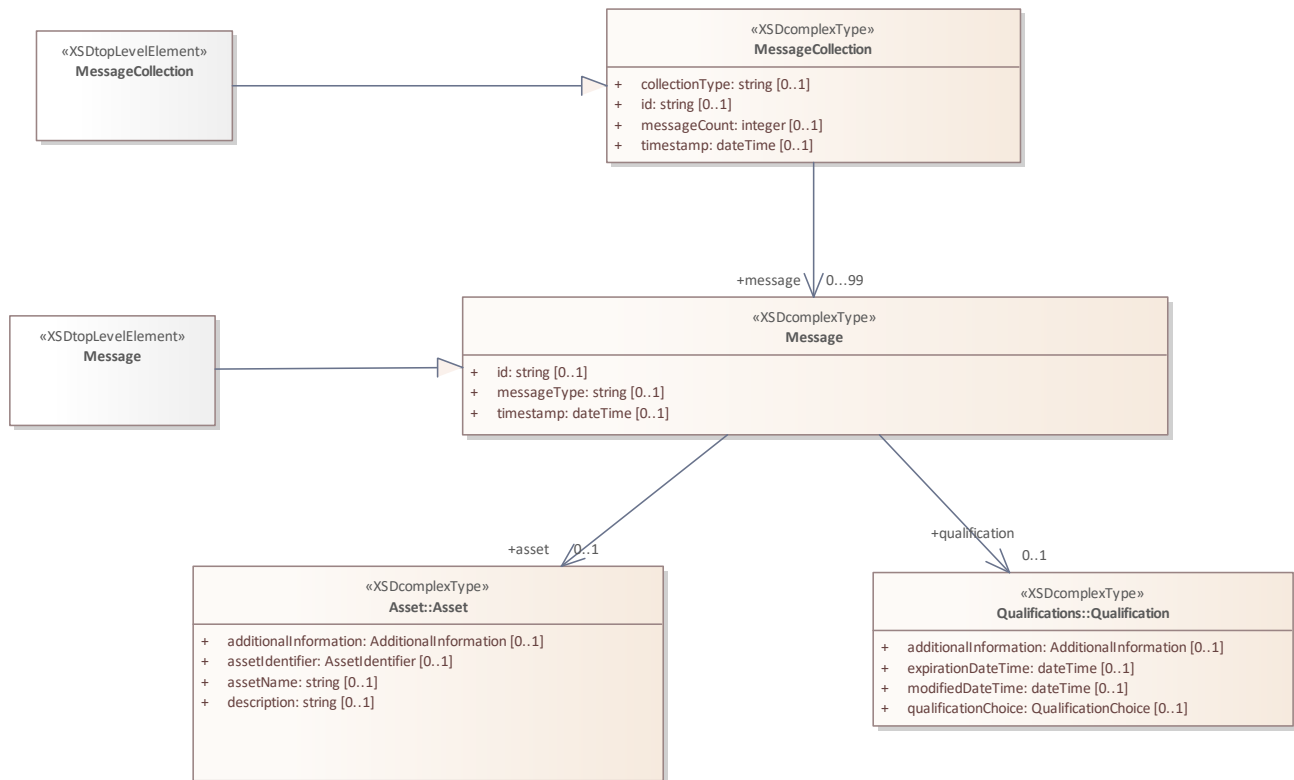


Figure 7: Message

MMIXMDataTypes diagram

Class diagram in package 'MMIXMDataTypes'

MMIXMDataTypes

Version 3.0.0

FAA created on 3/2/2023. Last modified 6/19/2023

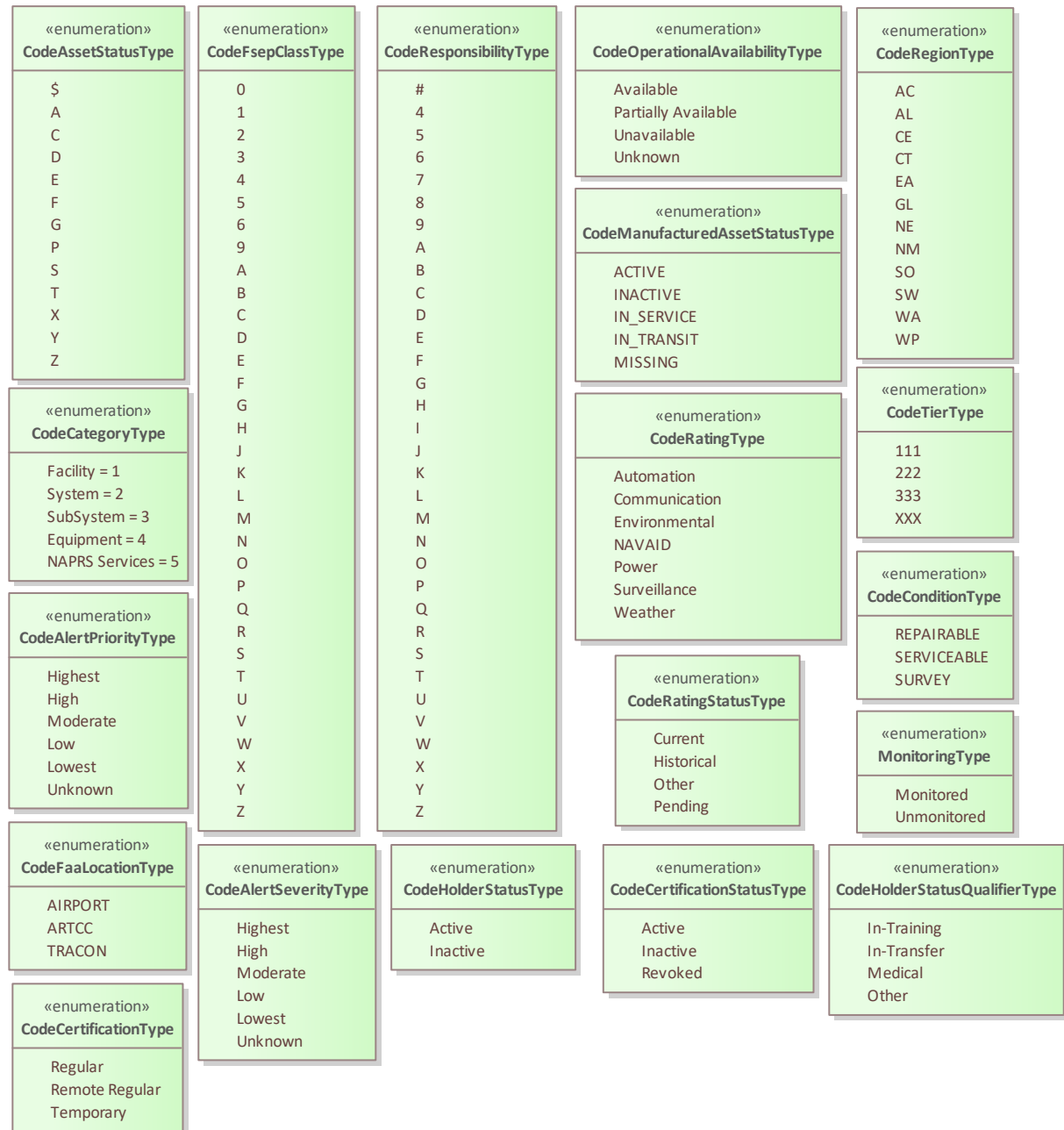


Figure 8: MMIXMDataTypes

PersonOrganization diagram

Class diagram in package 'PersonOrganization'

PersonOrganization

Version 3.0.0

FAA created on 7/12/2016. Last modified 12/20/2022

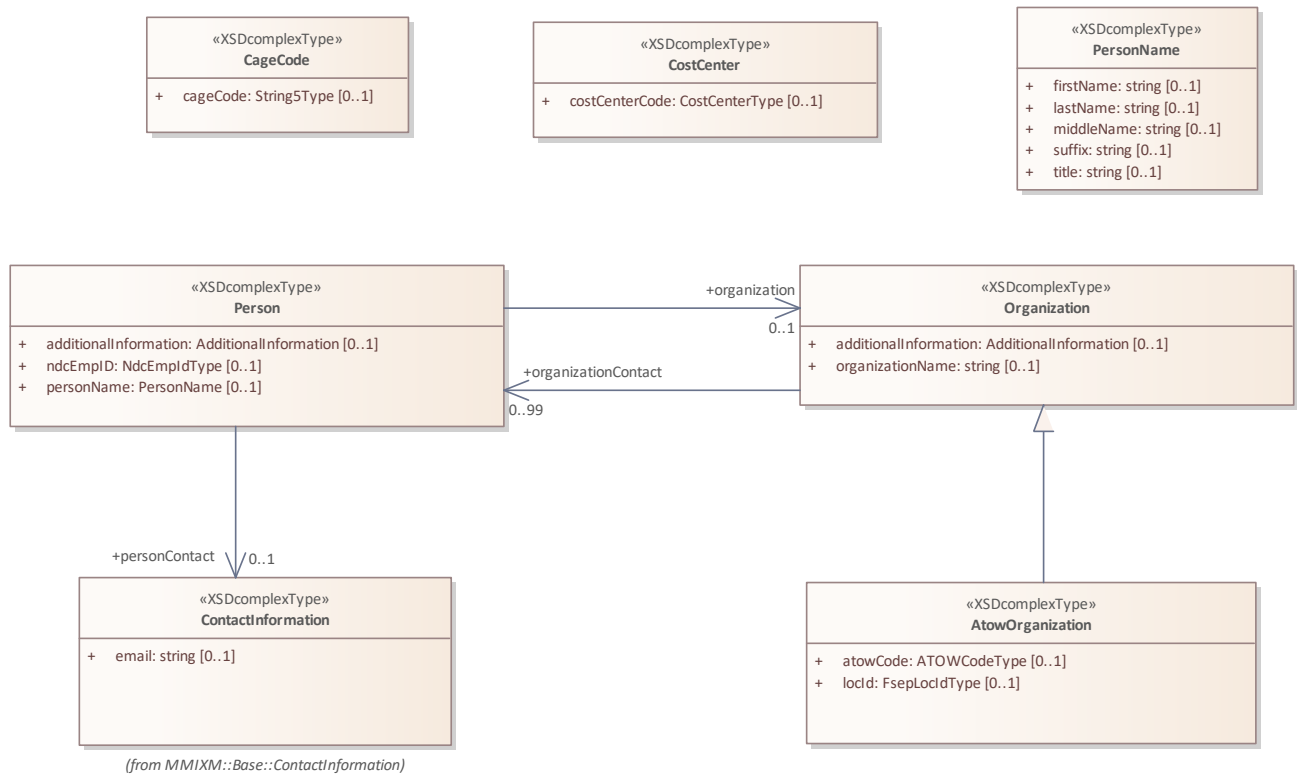


Figure 9: PersonOrganization

Features Packages diagram

Class diagram in package 'Features'

Features Packages

Version 3.0.0

FAA created on 7/20/2016. Last modified 12/20/2022

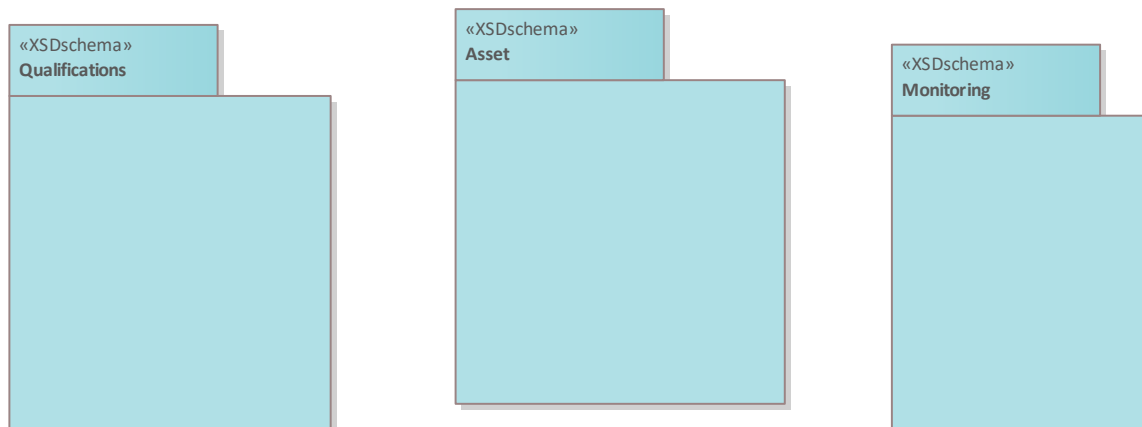


Figure 10: Features Packages

AssetIdentifier diagram

Class diagram in package 'Asset'

AssetIdentifier

Version 3.0.0

FAA created on 7/18/2019. Last modified 12/20/2022

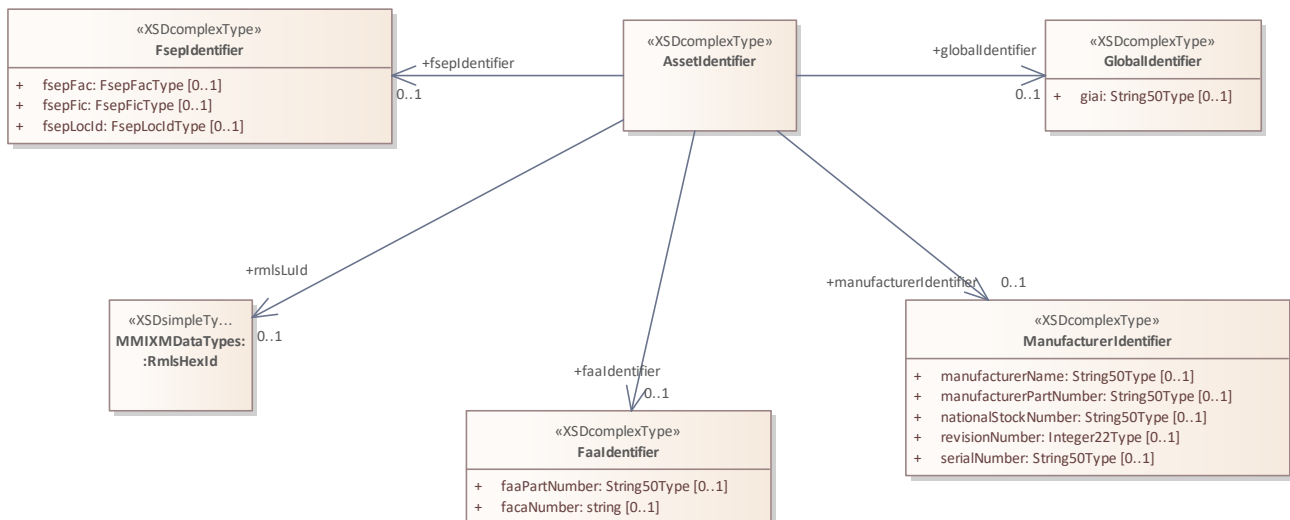


Figure 11: AssetIdentifier

AssetRelationshipHierarchy diagram

Class diagram in package 'Asset'

AssetRelationshipHierarchy

Version 3.0.0

FAA created on 7/19/2019. Last modified 12/20/2022

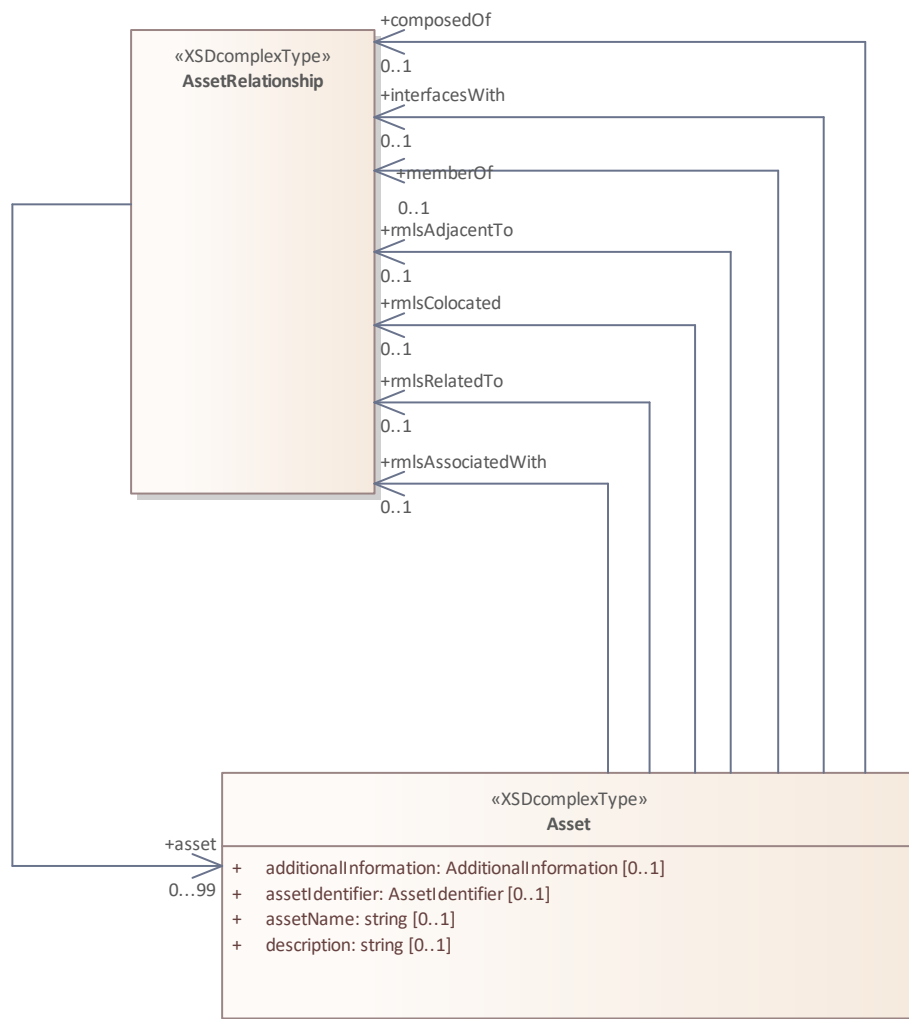


Figure 12: AssetRelationshipHierarchy

Asset diagram

Class diagram in package 'Asset'

Asset

Version 3.0.0

FAA created on 6/29/2016. Last modified 12/20/2022

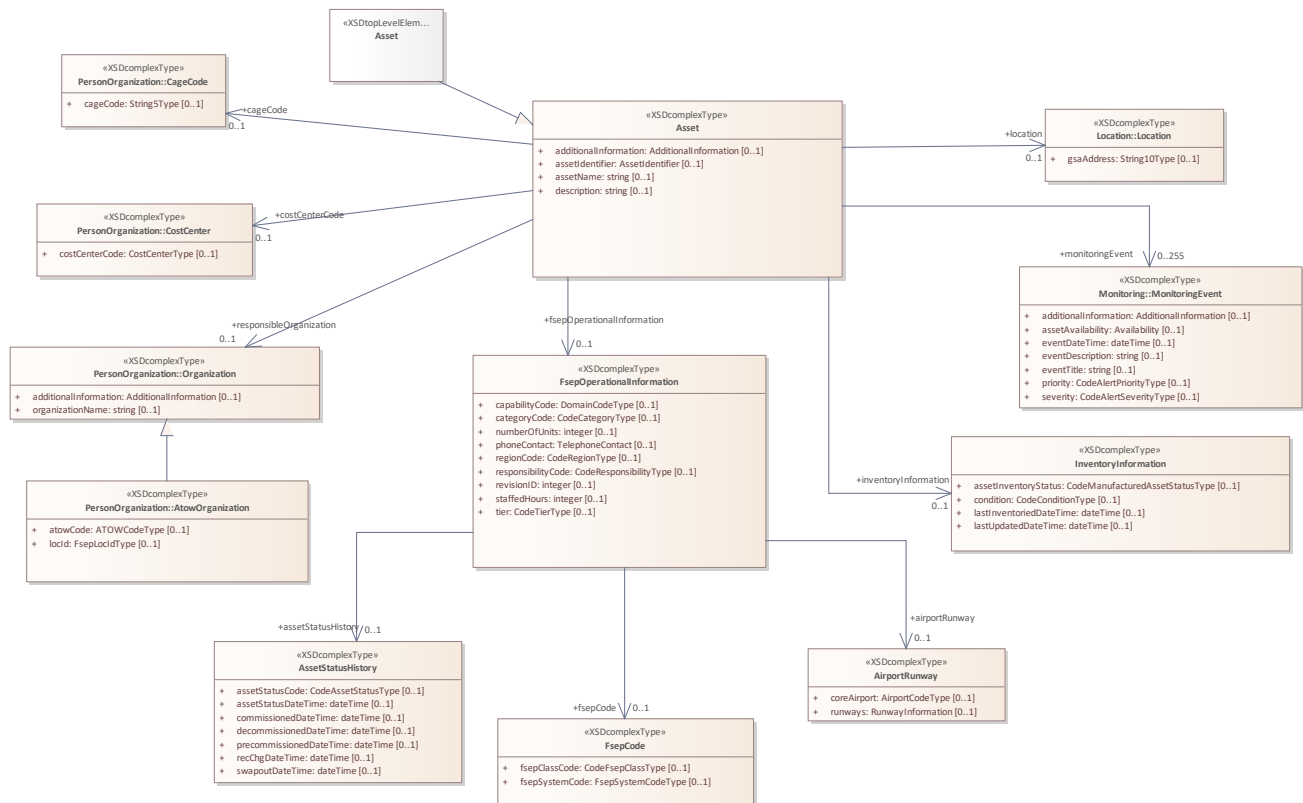


Figure 13: Asset

Monitoring diagram

Class diagram in package 'Monitoring'

Monitoring
Version 3.0.0

FAA created on 3/13/2017. Last modified 1/13/2023

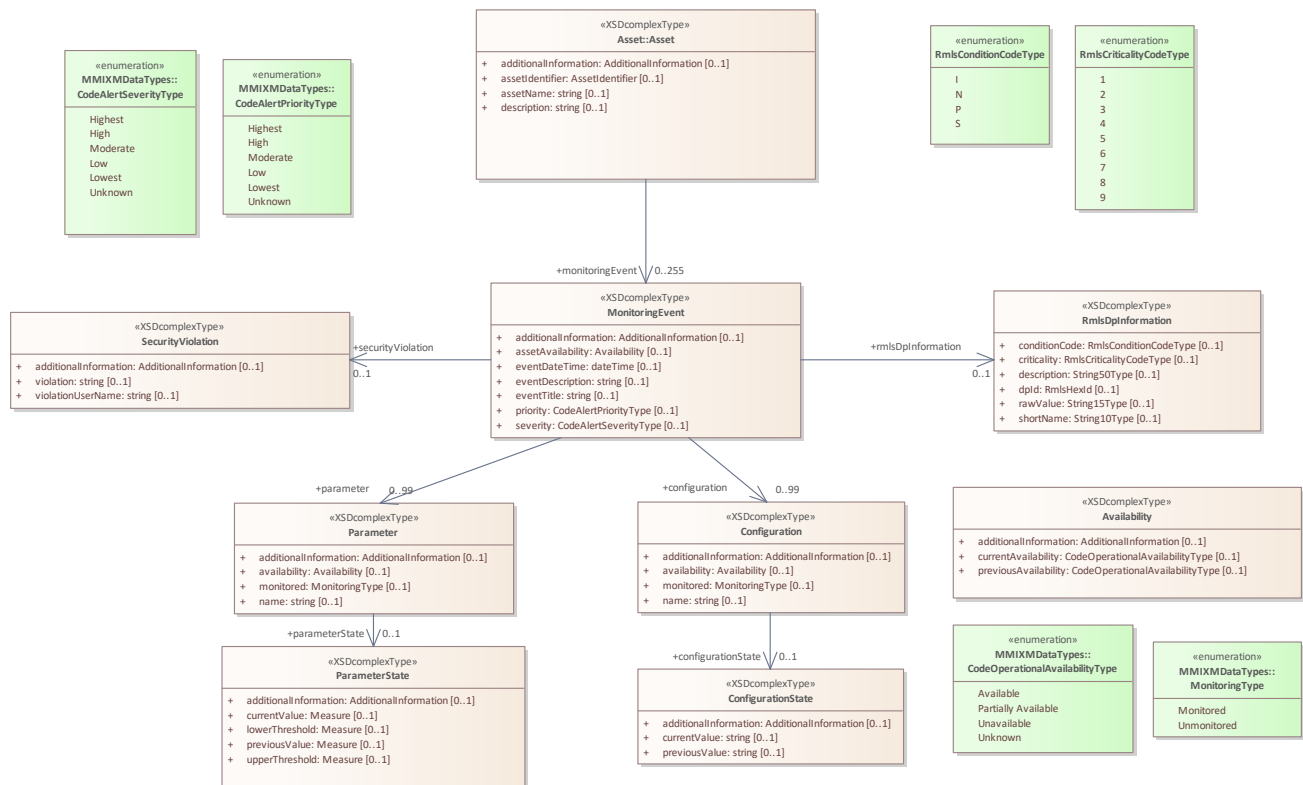


Figure 14: Monitoring

Qualifications diagram

Class diagram in package 'Qualifications'

Qualifications

Version 3.0.0

FAA created on 7/12/2016. Last modified 6/20/2023

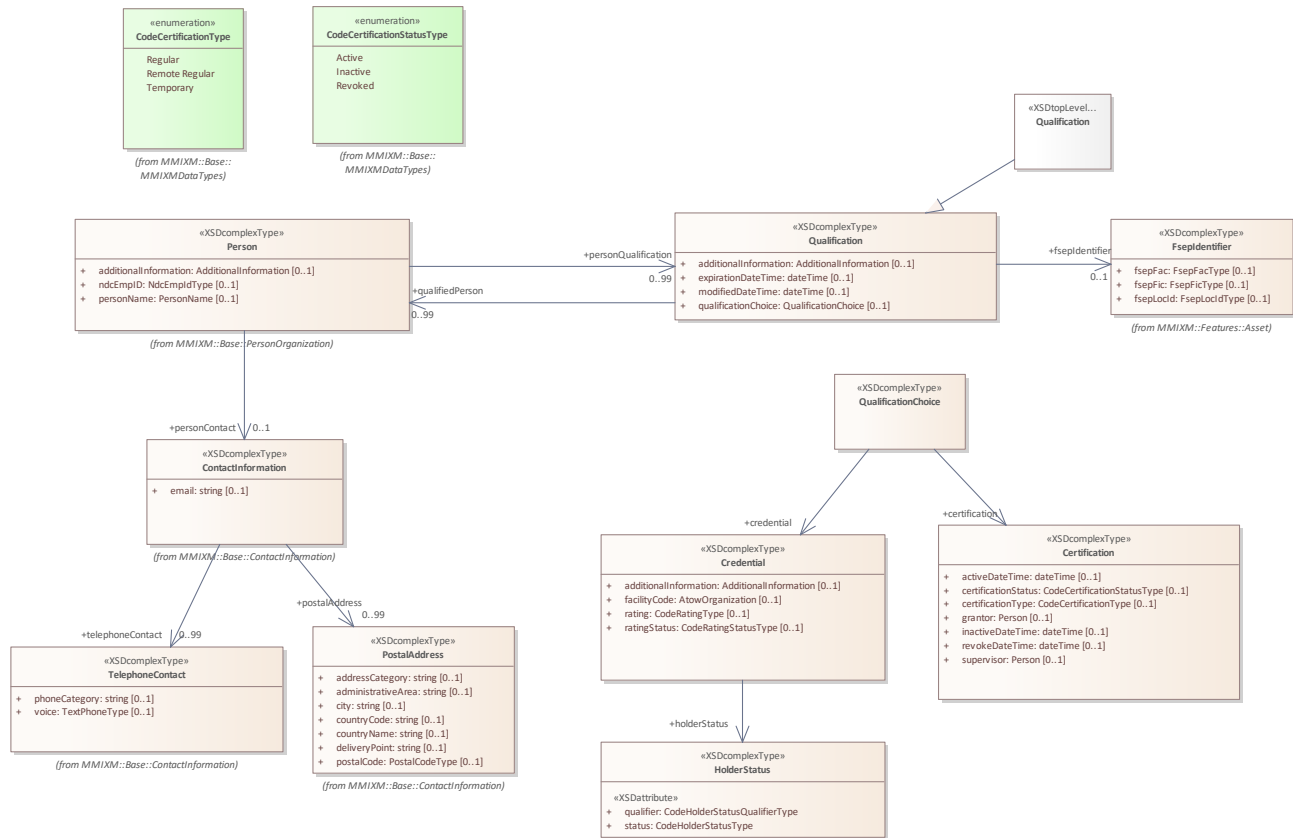


Figure 15: Qualifications