

Diagram Report

GOSSRA

Version 1.0 • Proposed



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GOSSRA Consortium

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1.1 Navigation diagram

UPDM diagram in package 'GOSSRA'

Navigation
Version 1.0

GOSSRA Consortium created on 09/09/2019. Last modified 29/07/2020

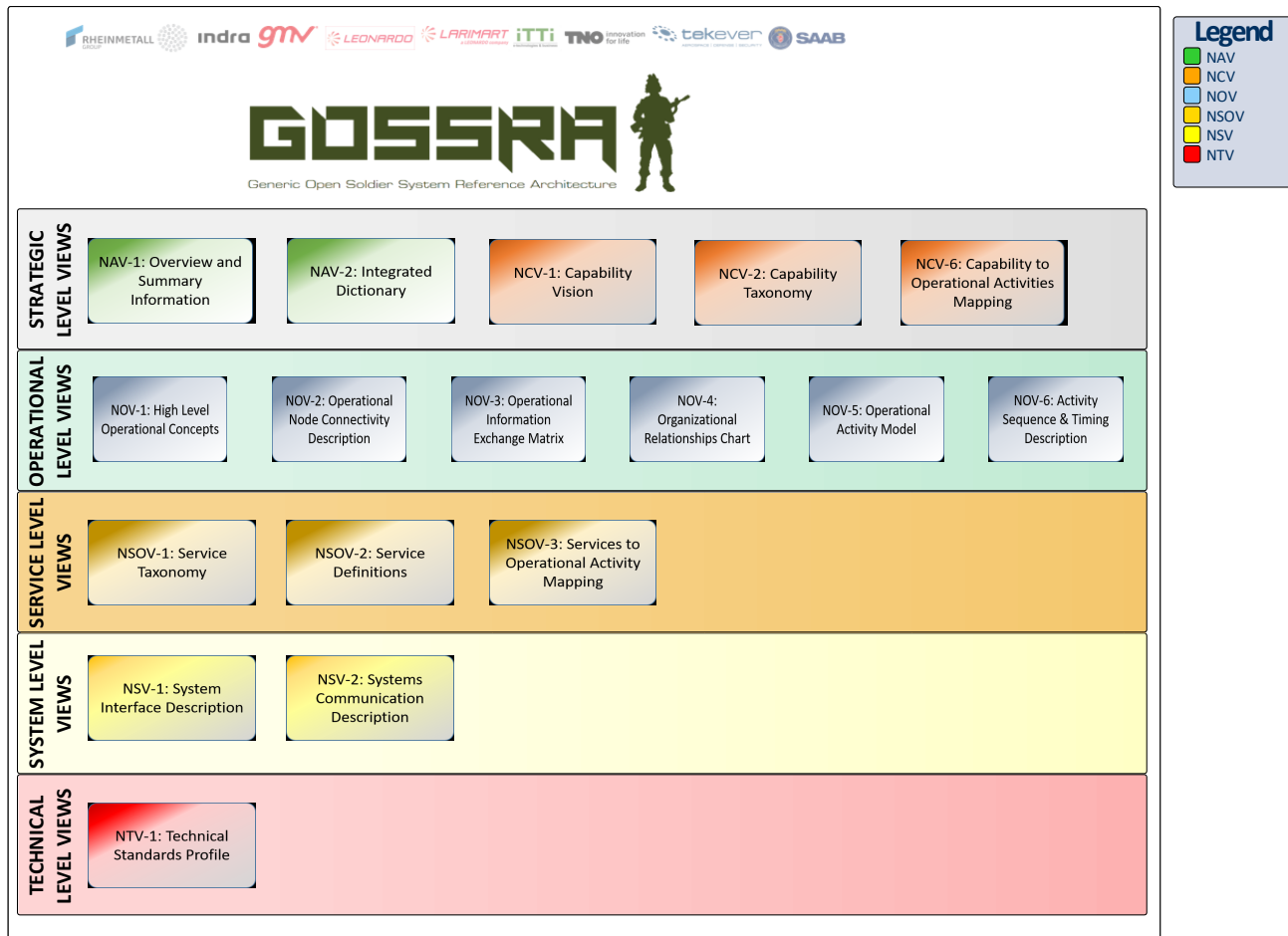


Figure 1: Navigation

1.1.1.1 Integrated Dictionary diagram

AV-2 diagram in package 'NAV-2 Integrated Dictionary'

Integrated Dictionary
Version 1.0

GOSSRA Consortium created on 15/10/2019. Last modified 29/07/2020

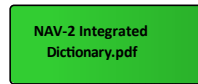


Figure 2: Integrated Dictionary

1.1.2 Overview and Summary Information diagram

AV-1 diagram in package 'NAV-1 Overview and Summary Information'

Overview and Summary Information

Version 1.0

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GOSSRA Architecture, Vol 1, NAV.pdf

Figure 3: Overview and Summary Information

1.1.2.1 Vision diagram

CV-1 diagram in package 'NCV-1 Capability Vision'

Vision
Version 1.0

GOSSRA Consortium created on 11/09/2019. Last modified 29/07/2020

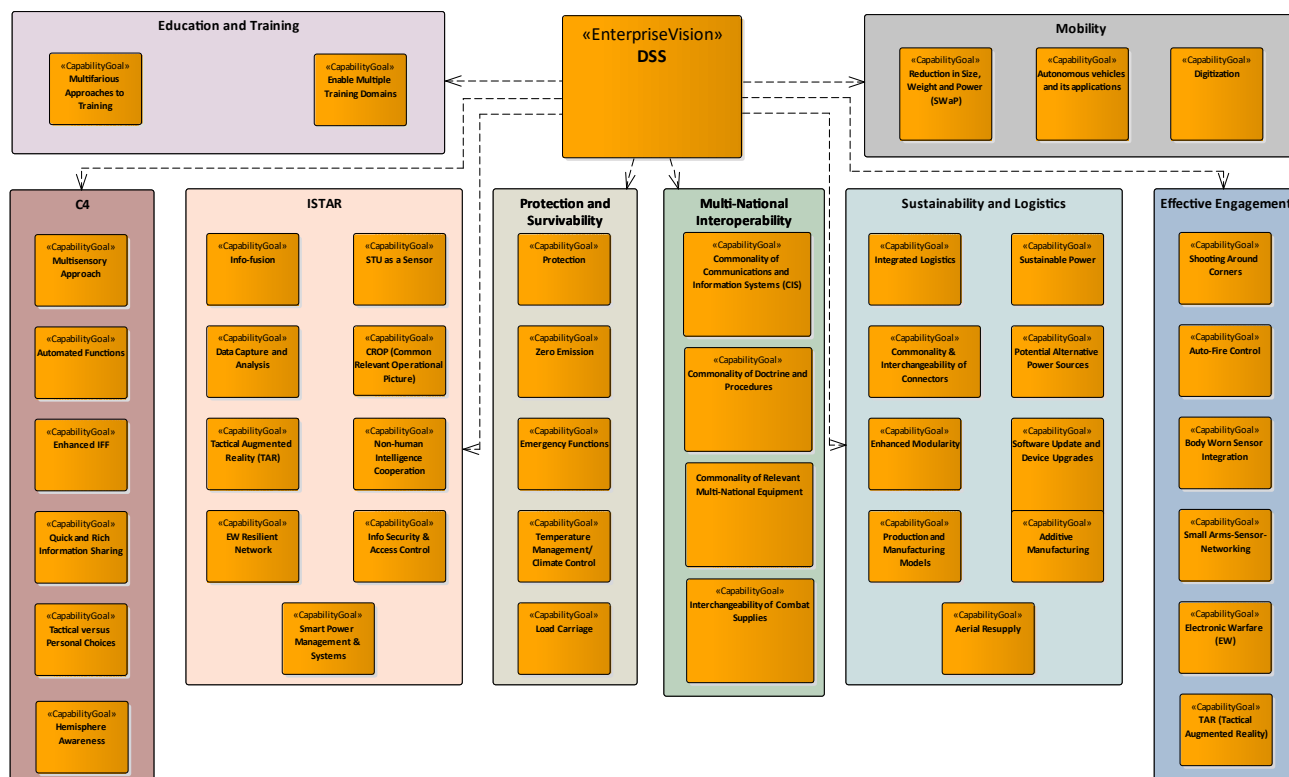


Figure 4: Vision

1.1.2.2 C4 Capability Taxonomy diagram

CV-2 diagram in package 'NCV-2 Capability Taxonomy'

C4 Capability Taxonomy
Version 1.0

GOSSRA Consortium created on 11/09/2019. Last modified 29/07/2020

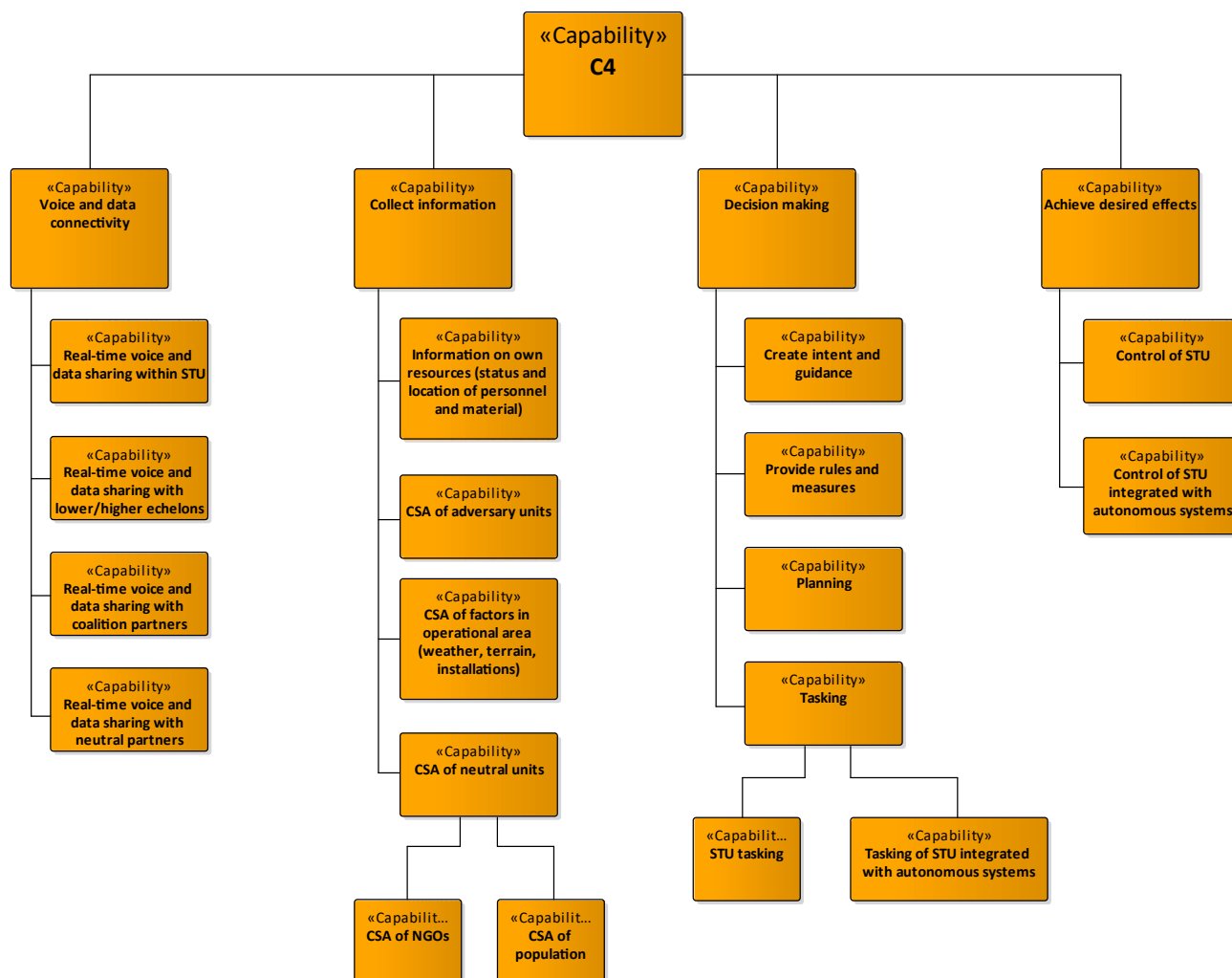


Figure 5: C4 Capability Taxonomy

1.1.2.3 Capability Taxonomy diagram

CV-2 diagram in package 'NCV-2 Capability Taxonomy'

Capability Taxonomy
Version 1.0

GOSSRA Consortium created on 11/11/2019. Last modified 29/07/2020

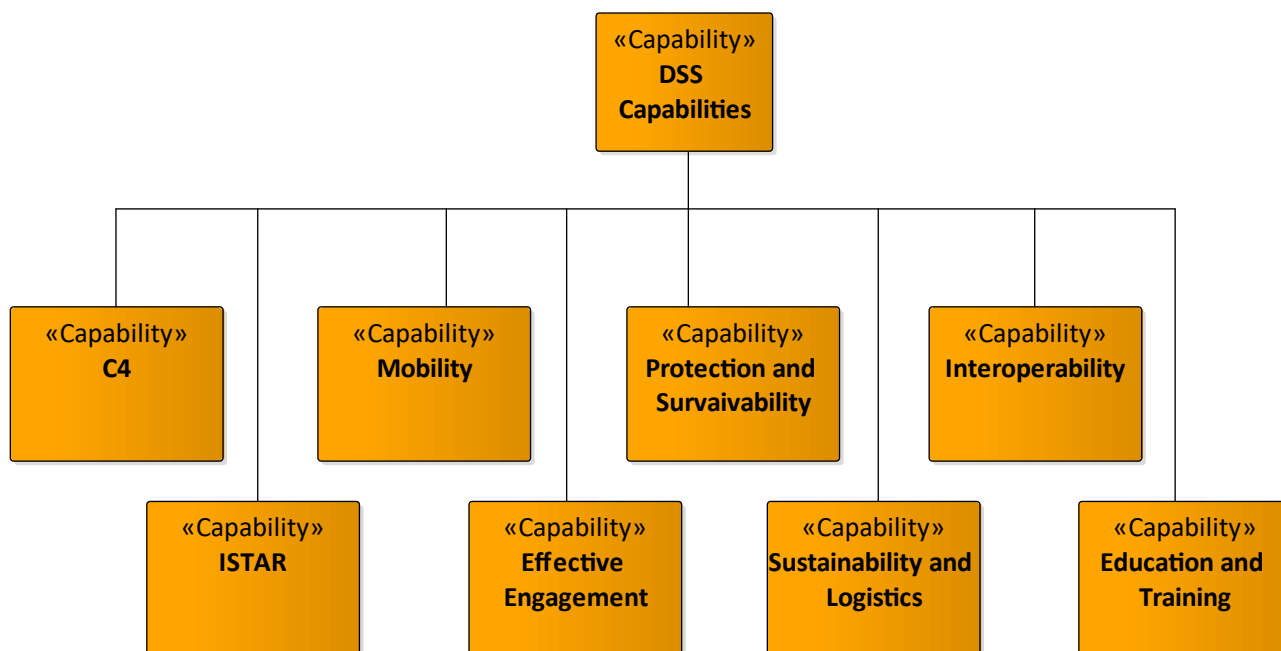


Figure 6: Capability Taxonomy

1.1.2.4 ISTAR Capability Taxonomy diagram

CV-2 diagram in package 'NCV-2 Capability Taxonomy'

ISTAR Capability Taxonomy
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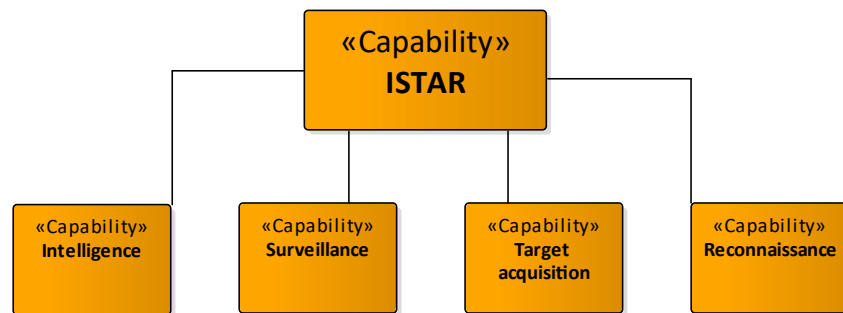


Figure 7: ISTAR Capability Taxonomy

1.1.2.5 Effective Engagement Capability Taxonomy diagram

CV-2 diagram in package 'NCV-2 Capability Taxonomy'

Effective Engagement Capability Taxonomy
Version 1.0

GOSSRA Consortium created on 11/09/2019. Last modified 29/07/2020

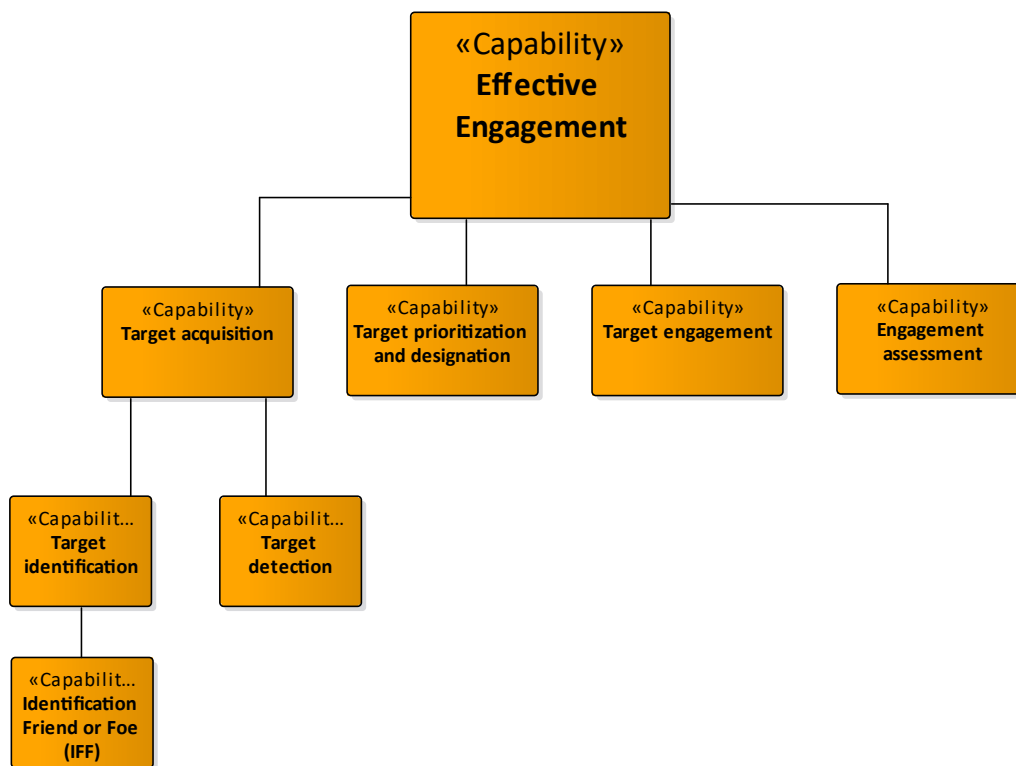


Figure 8: Effective Engagement Capability Taxonomy

1.1.2.6 Mobility Capability Taxonomy diagram

CV-2 diagram in package 'NCV-2 Capability Taxonomy'

Mobility Capability Taxonomy
Version 1.0

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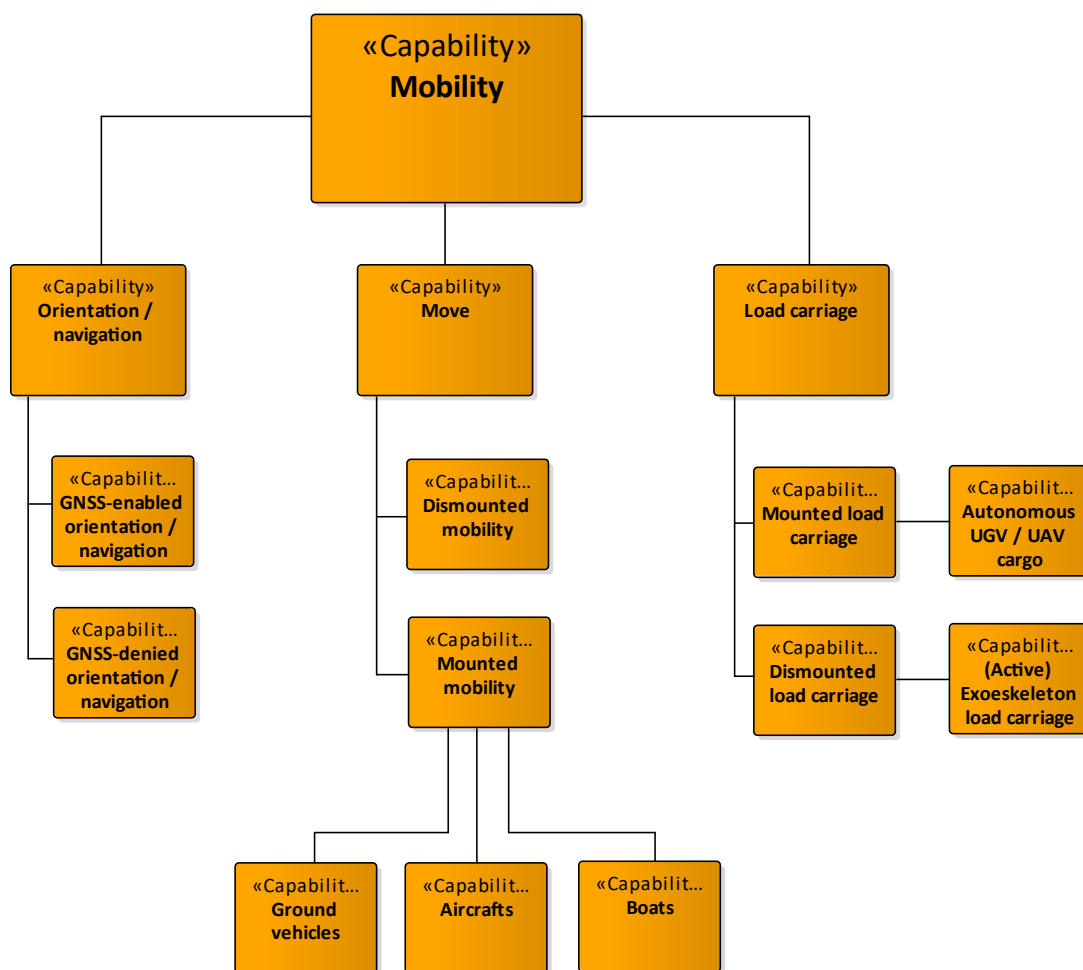


Figure 9: Mobility Capability Taxonomy

1.1.2.7 Protection and Survivability Capability Taxonomy diagram

CV-2 diagram in package 'NCV-2 Capability Taxonomy'

Protection and Survivability Capability Taxonomy
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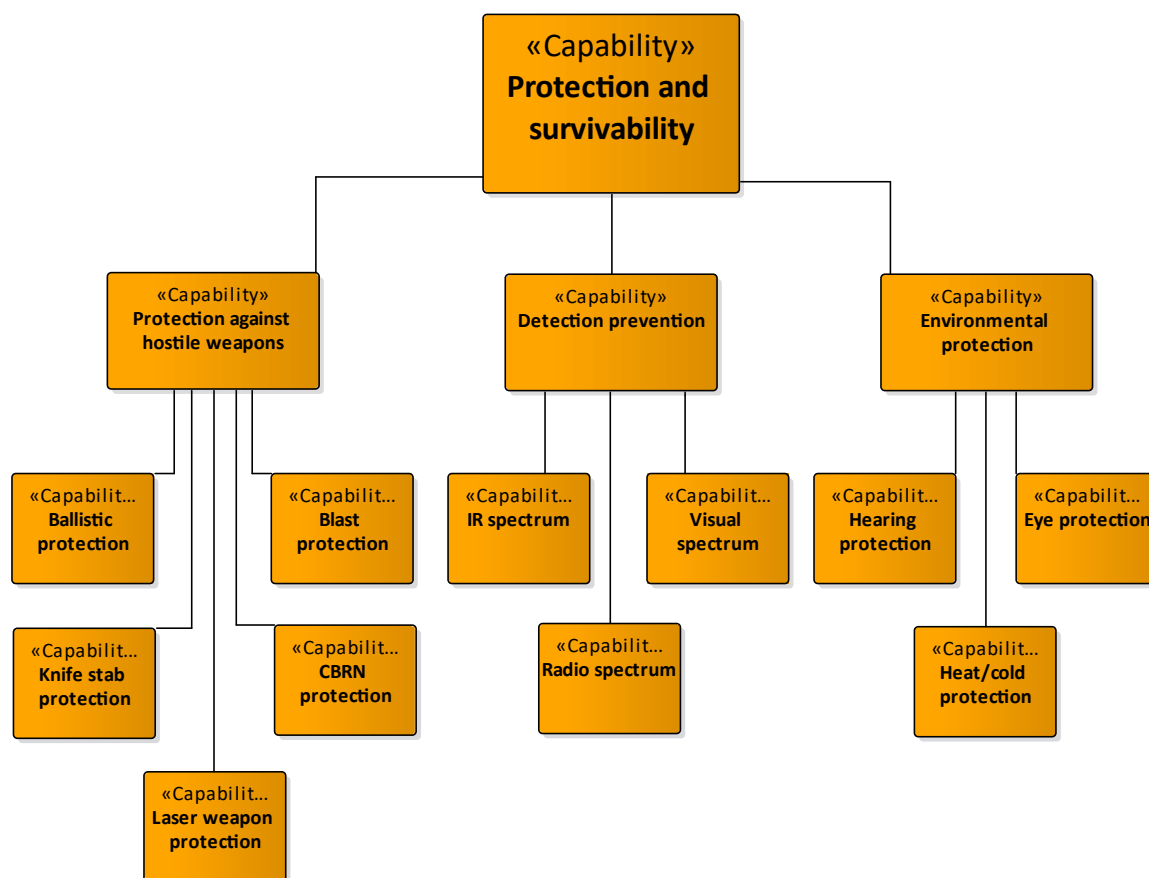


Figure 10: Protection and Survivability Capability Taxonomy

1.1.2.8 Sustainability and Logistics Capability Taxonomy diagram

CV-2 diagram in package 'NCV-2 Capability Taxonomy'

Sustainability and Logistics Capability Taxonomy
Version 1.0

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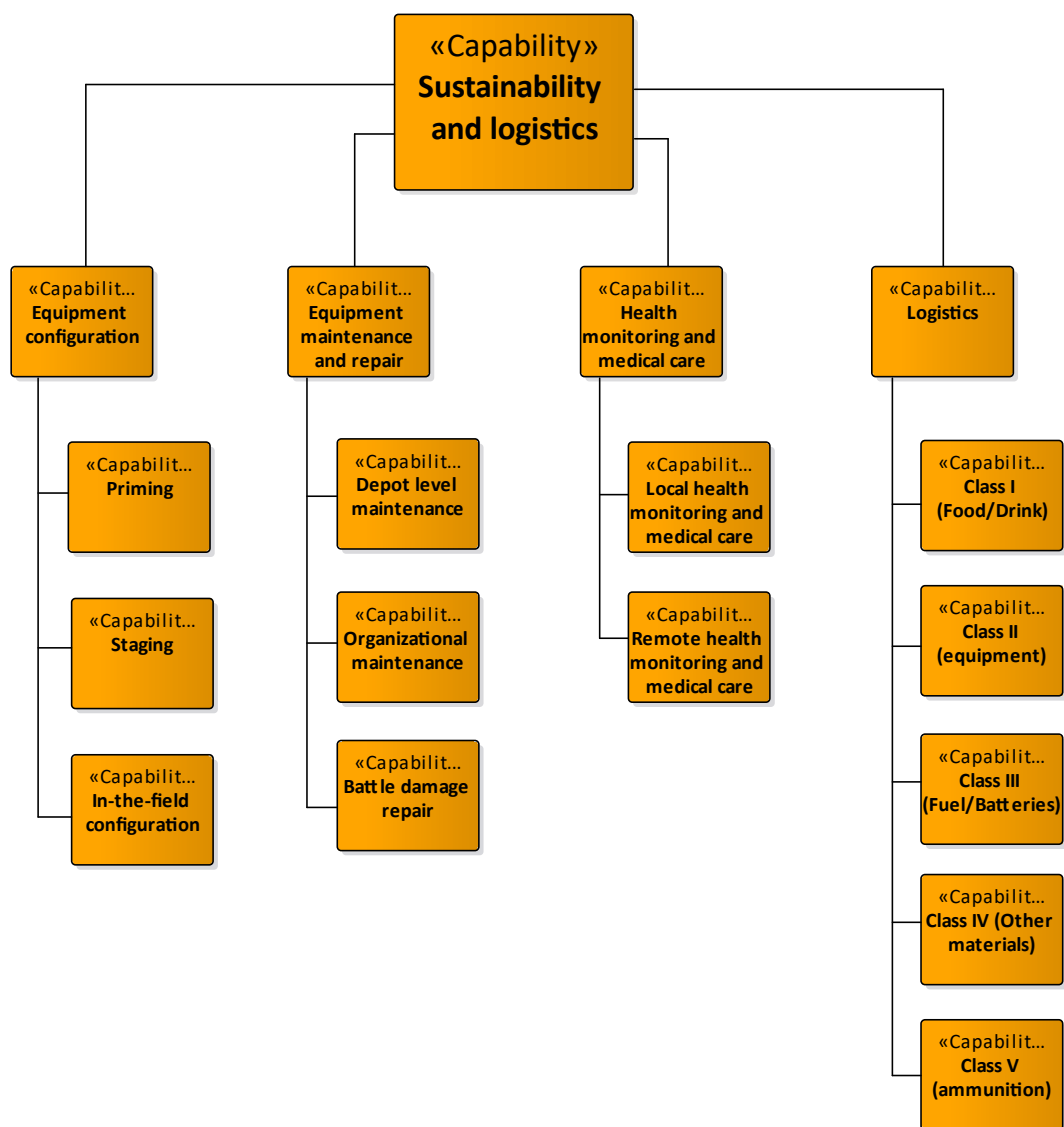


Figure 11: Sustainability and Logistics Capability Taxonomy

1.1.2.9 Education and Training Capability Taxonomy diagram

CV-2 diagram in package 'NCV-2 Capability Taxonomy'

Education and Training Capability Taxonomy
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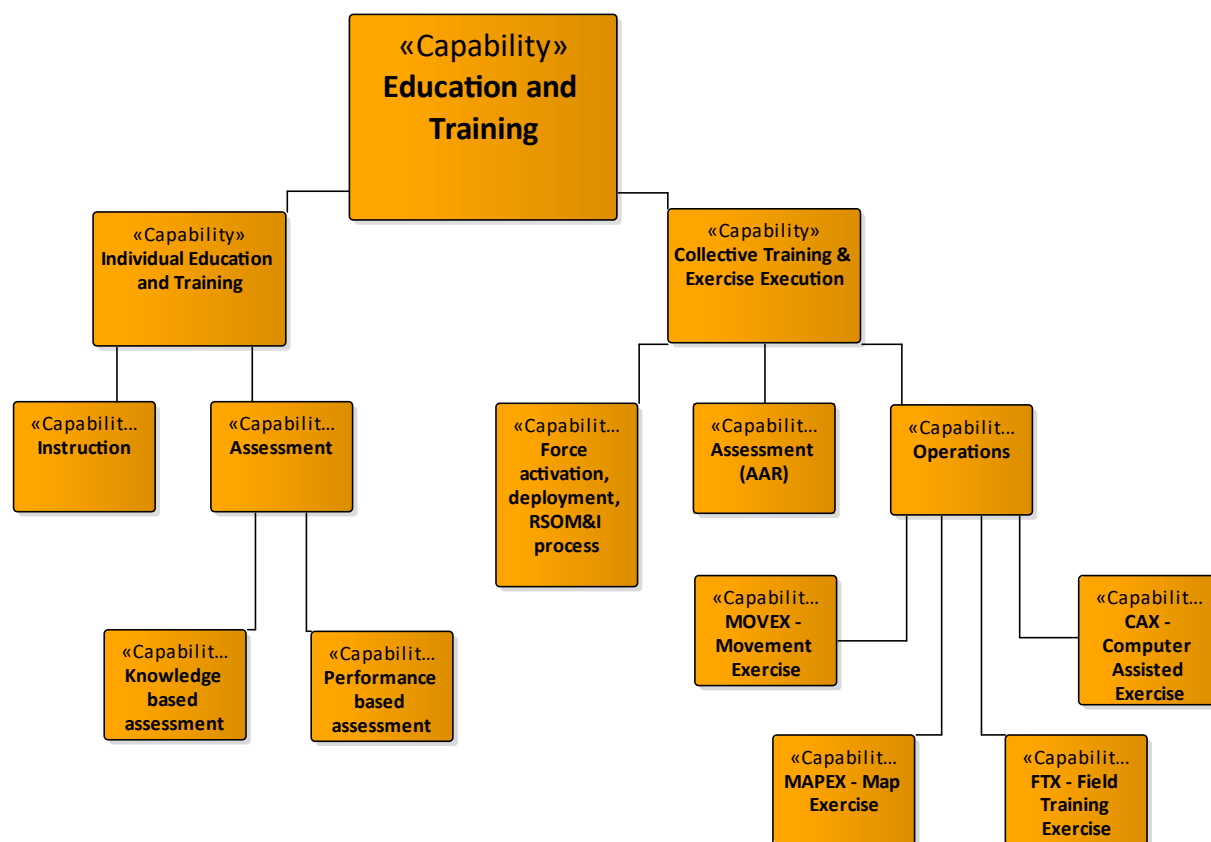


Figure 12: Education and Training Capability Taxonomy

1.1.2.10 Multi-National Interoperability Capability Taxonomy diagram

CV-2 diagram in package 'NCV-2 Capability Taxonomy'

Multi-National Interoperability Capability Taxonomy
Version 1.0

GOSSRA Consortium created on 11/09/2019. Last modified 29/07/2020

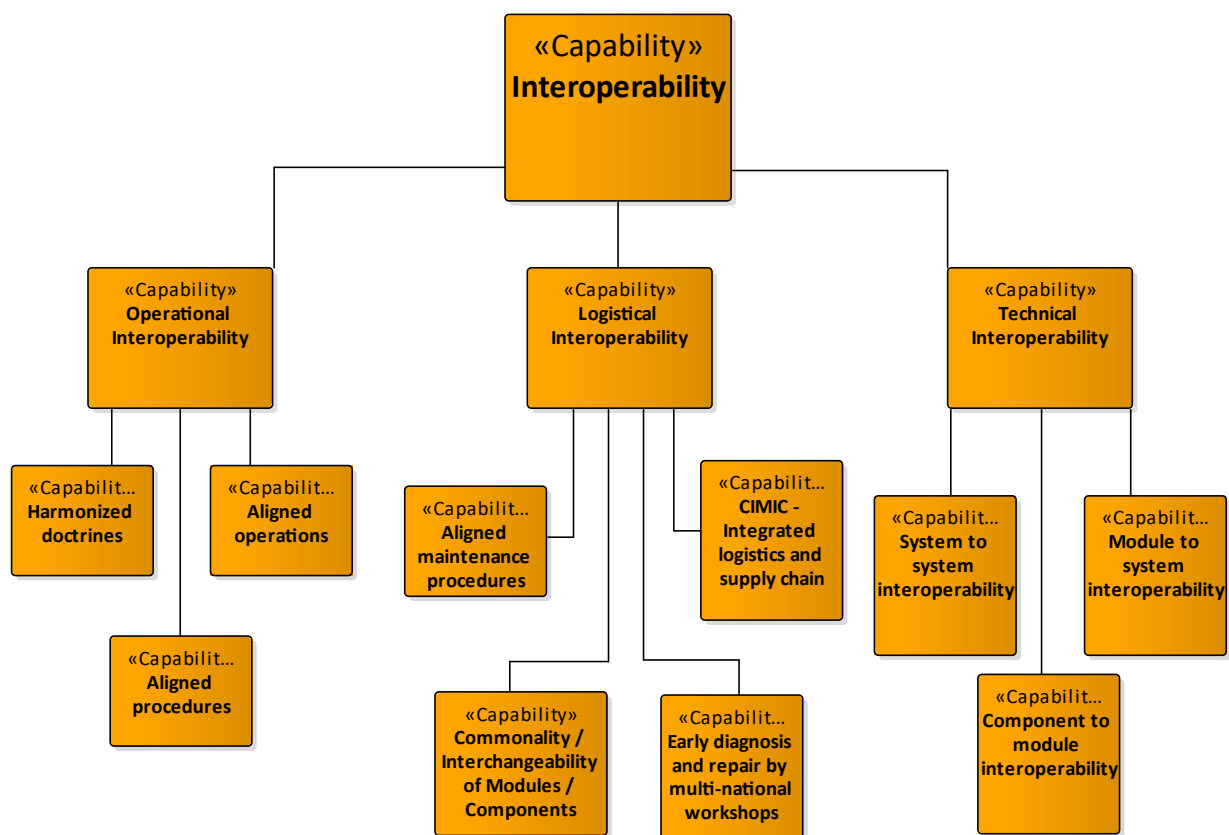


Figure 13: Multi-National Interoperability Capability Taxonomy

1.1.2.11 Capability to Operational Activities Mapping diagram

CV-6 diagram in package 'NCV-6 Capability to Operational Activities Mapping'

Capability to Operational Activities Mapping
Version 1.0

GOSSRA Consortium created on 14/10/2019. Last modified 29/07/2020



Figure 14: Capability to Operational Activities Mapping

1.1.2.12 High Level Operational Concepts diagram

OV-1 diagram in package 'NOV-1 High-Level Operational Concept Description'

High Level Operational Concepts
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GOSSRA Consortium created on 11/09/2019. Last modified 29/07/2020

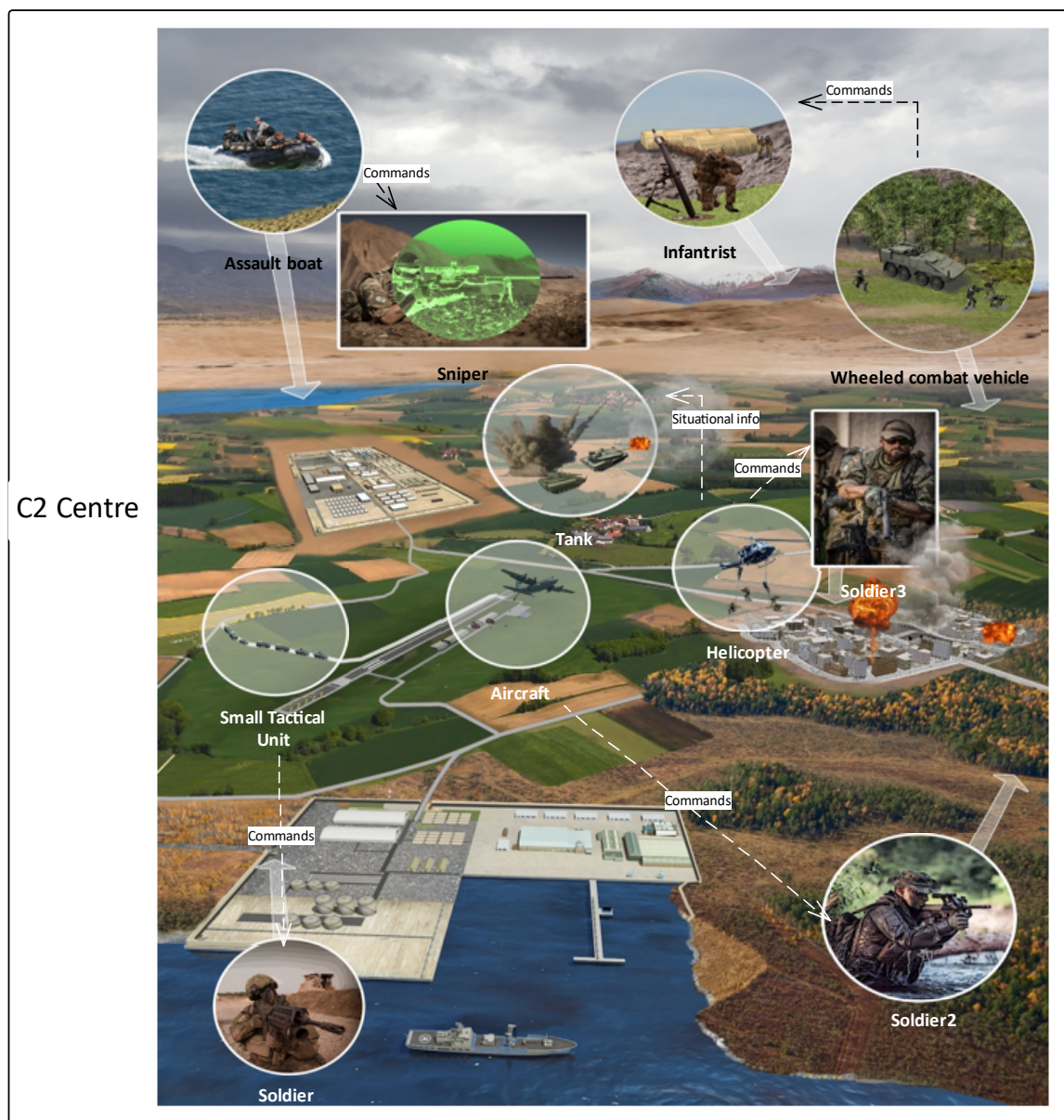


Figure 15: High Level Operational Concepts

OV-2 diagram in package 'NOV-2 Operational Node Connectivity Description'

GOSSRA Consortium created on 11/09/2019. Last modified 29/07/2020

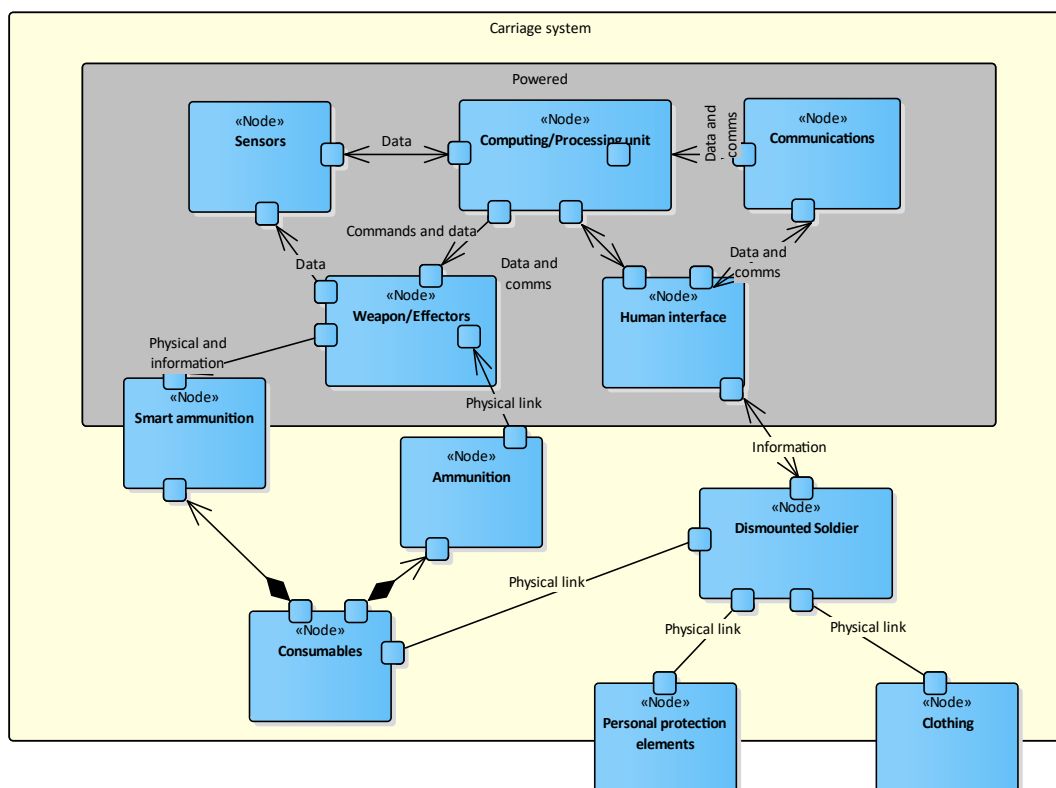


Figure 16: Dismounted Soldier Node Internal Connectivity

1.1.2.14 STU Node External Connectivity diagram

OV-2 diagram in package 'NOV-2 Operational Node Connectivity Description'

STU Node External Connectivity
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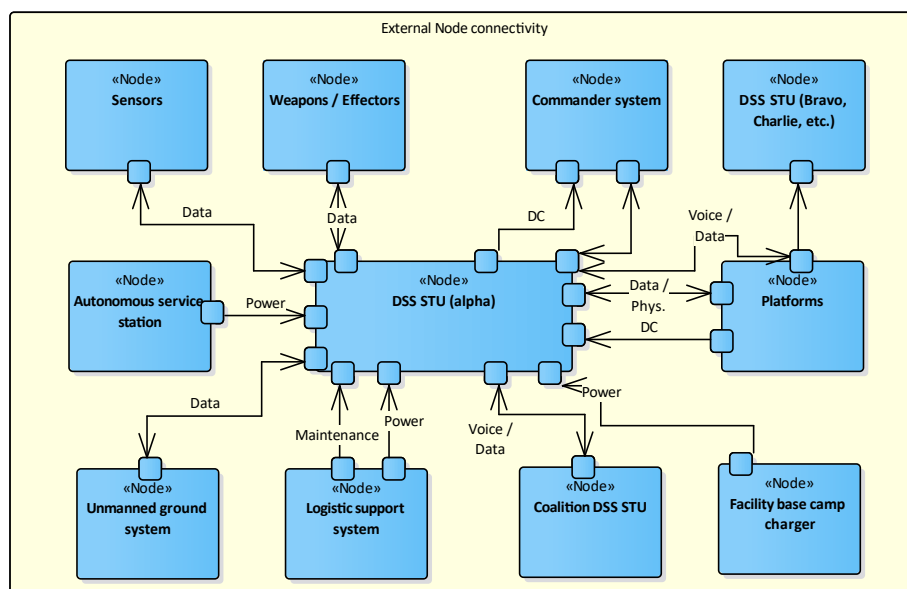


Figure 17: STU Node External Connectivity

1.1.2.15 STU Node Internal Connectivity diagram

OV-2 diagram in package 'NOV-2 Operational Node Connectivity Description'

STU Node Internal Connectivity
Version 1.0

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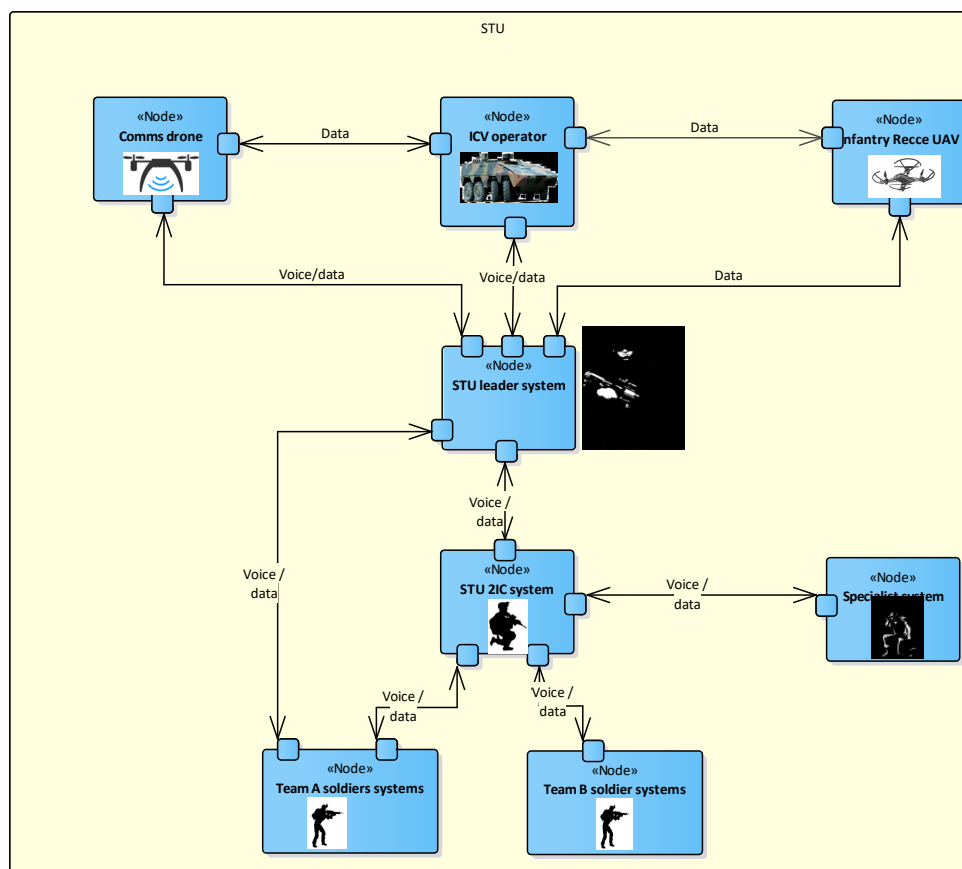


Figure 18: STU Node Internal Connectivity

1.1.2.16 NOV-2 Operational Node Connectivity Description diagram

CV-2 diagram in package 'NOV-2 Operational Node Connectivity Description'

NOV-2 Operational Node Connectivity Description
Version 1.0

GOSSRA Consortium created on 11/11/2019. Last modified 29/07/2020

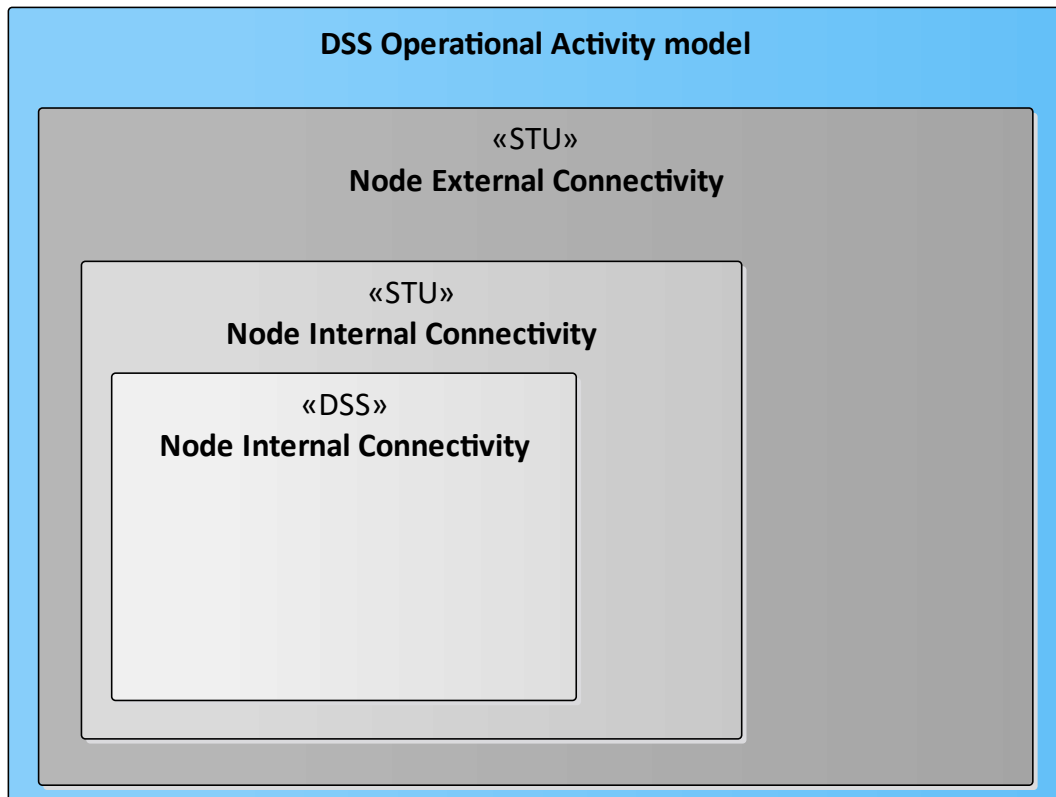


Figure 19: NOV-2 Operational Node Connectivity Description

1.1.2.17 Operational Information Exchange Matrix diagram

OV-3 diagram in package 'NOV-3 Operational Information Requirements'

Operational Information Exchange Matrix
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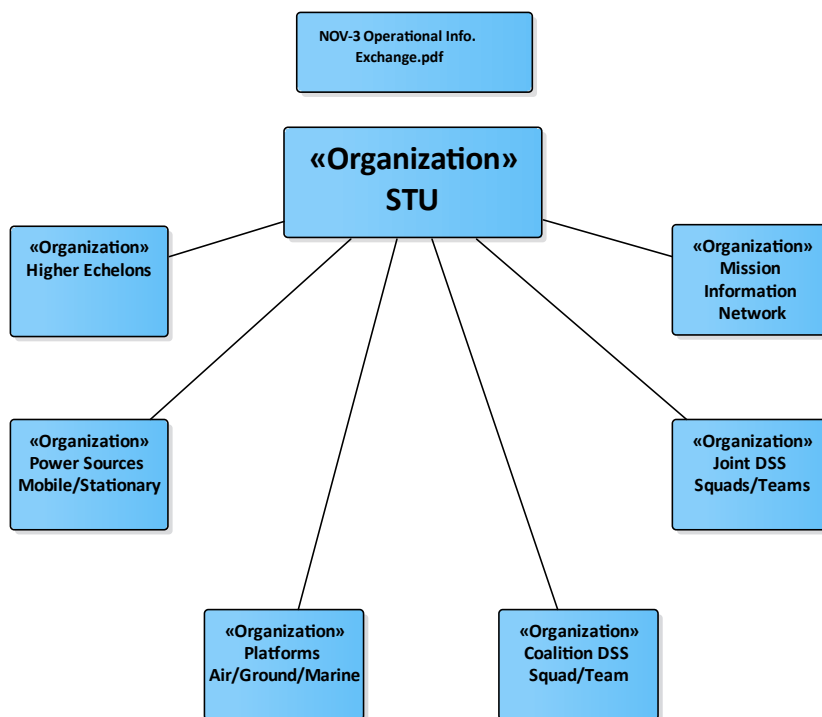


Figure 20: Operational Information Exchange Matrix

1.1.2.18 Organizational Relationships Chart diagram

OV-4 diagram in package 'NOV-4 Organisational Relationship Chart'

Organizational Relationships Chart
Version 1.0

GOSSRA Consortium created on 11/09/2019. Last modified 29/07/2020

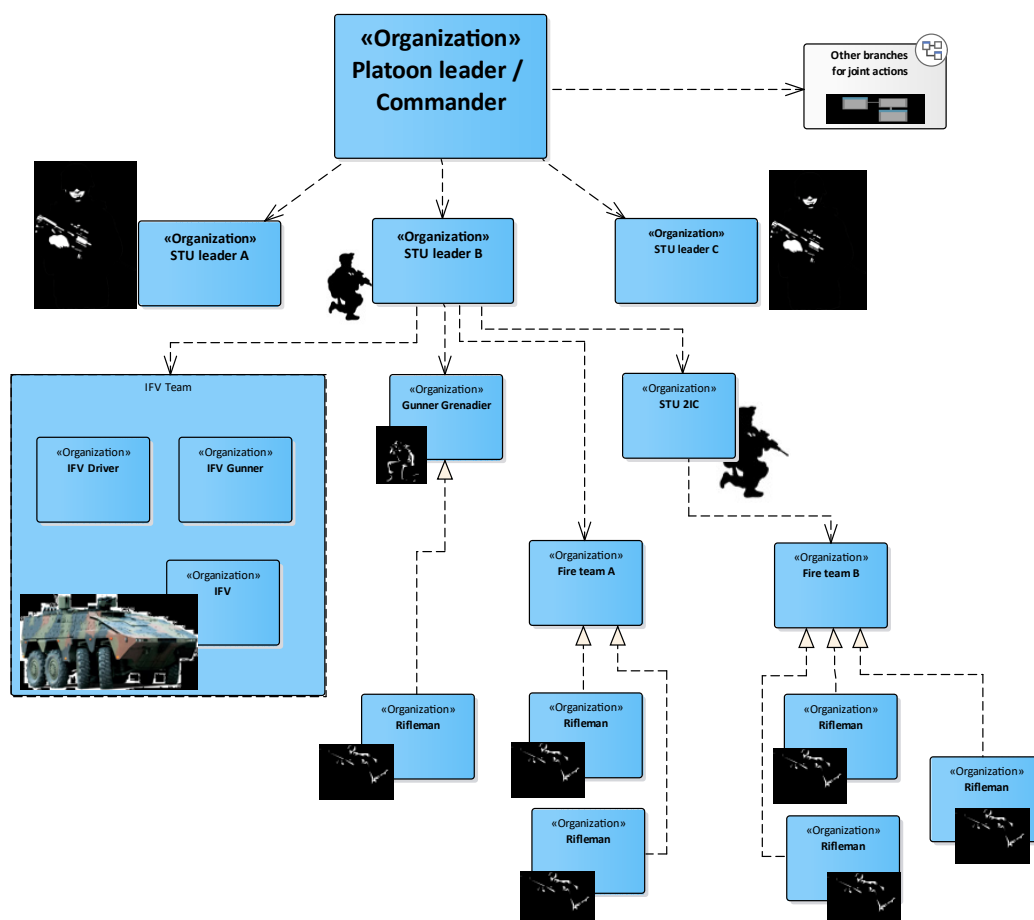


Figure 21: Organizational Relationships Chart

1.1.2.18.1 Other branches for joint actions diagram

OV-4 diagram in package 'Joint action with other branches'

Other branches for joint actions

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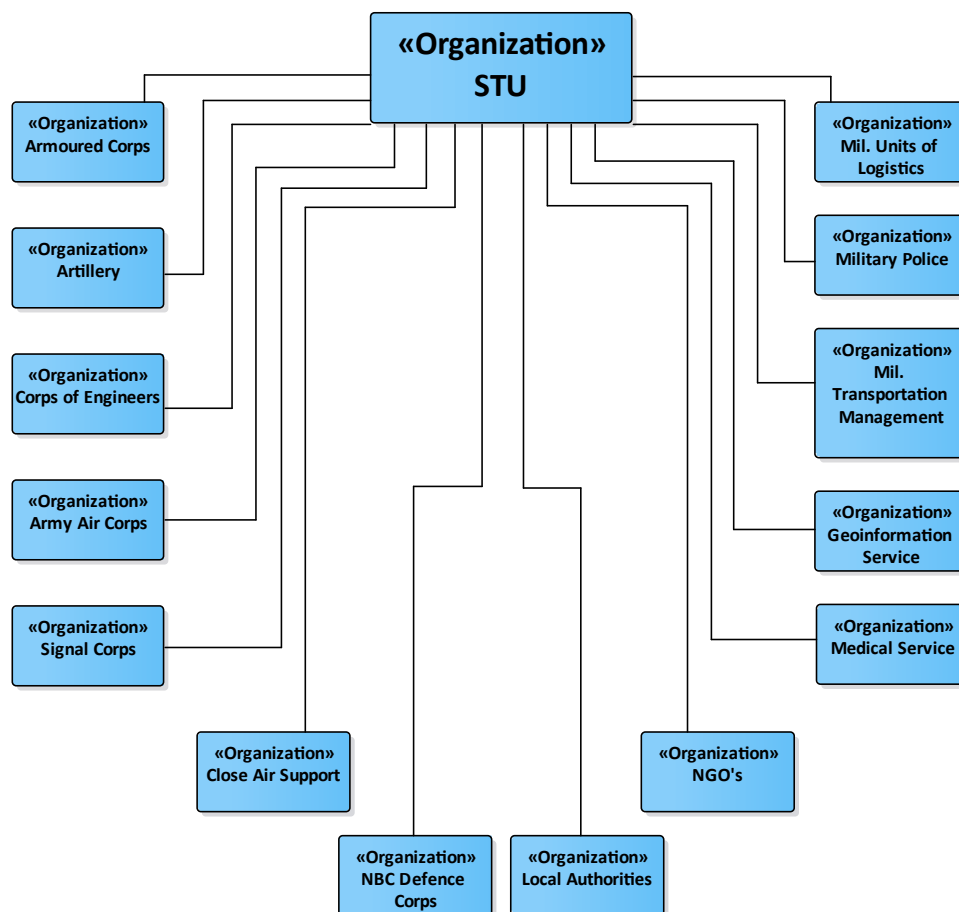


Figure 22: Other branches for joint actions

1.1.2.19 C4I Activities with respect to DSS diagram

OV-5 diagram in package 'NOV-5 Operational Activity Model'

C4I Activities with respect to DSS

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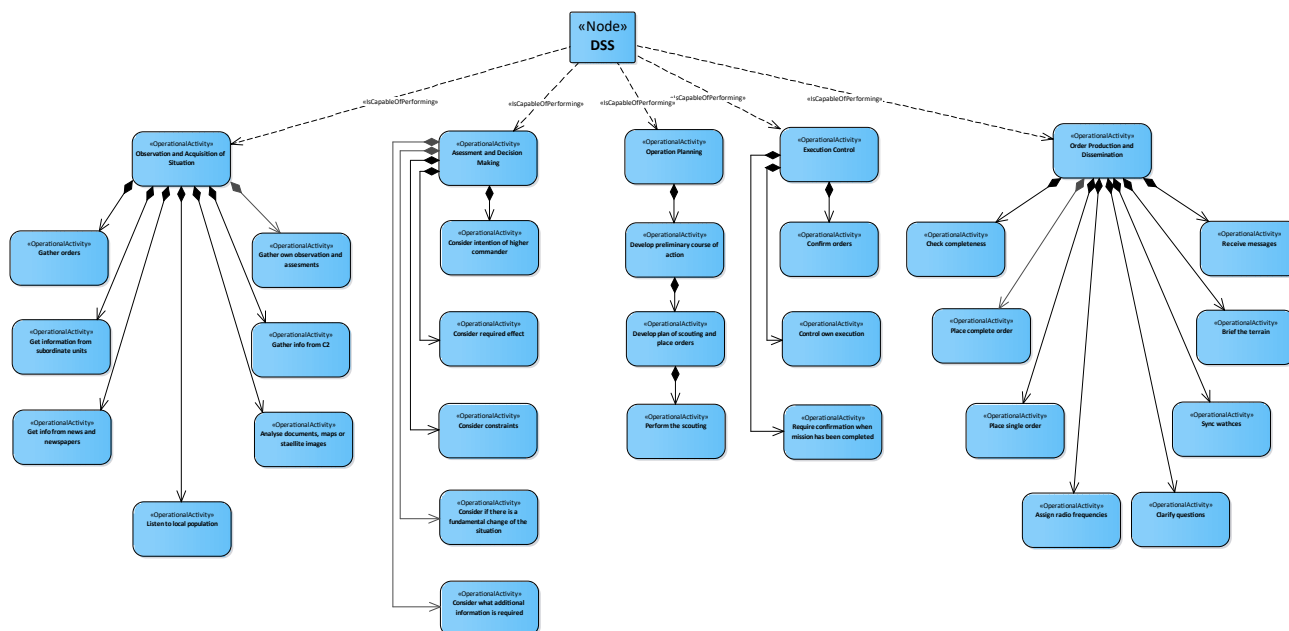


Figure 23: C4I Activities with respect to DSS

1.1.2.20 Generic activities fo DSS STU during a mision diagram

OV-5 diagram in package 'NOV-5 Operational Activity Model'

Generic activities fo DSS STU during a mision
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Figure 24: Generic activities fo DSS STU during a mision

1.1.2.21 NOV-5 diagram

SV-1 diagram in package 'NOV-5 Operational Activity Model'

NOV-5
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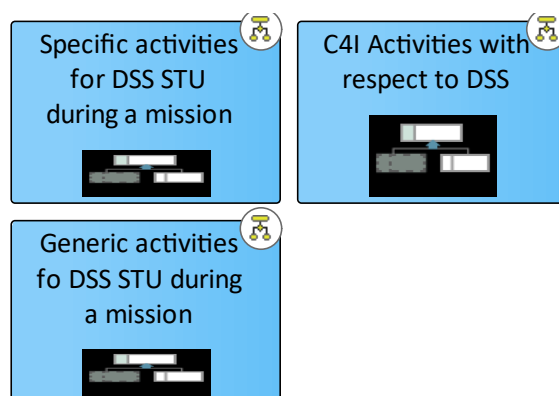


Figure 25: NOV-5

1.1.2.22 Specific activities for DSS STU during a mission diagram

OV-5 diagram in package 'NOV-5 Operational Activity Model'

Specific activities for DSS STU during a mission
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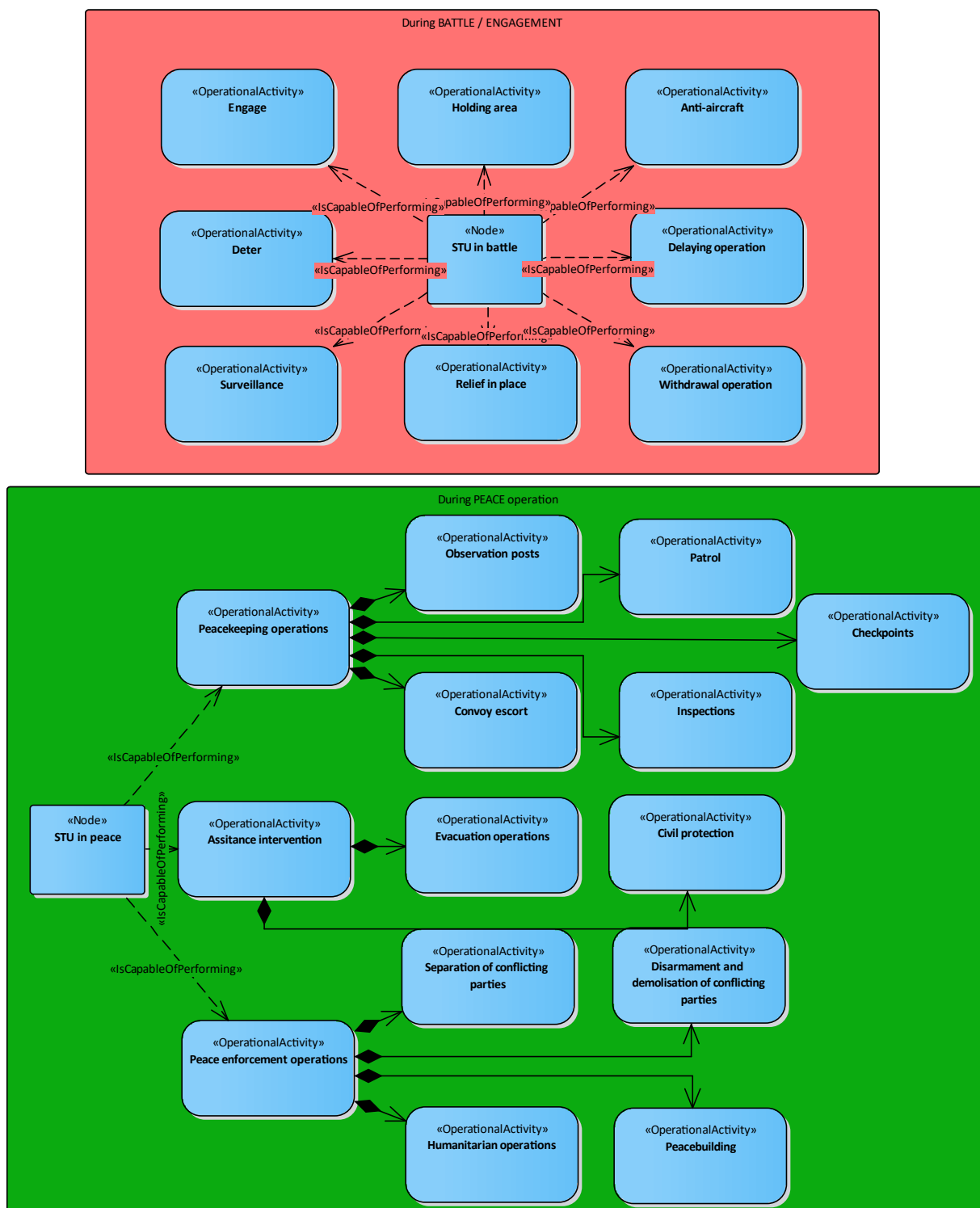


Figure 26: Specific activities for DSS STU during a mission

1.1.2.23 NOV-6 diagram

OV-1 diagram in package 'NOV-6a Operational Rule Model'

NOV-6
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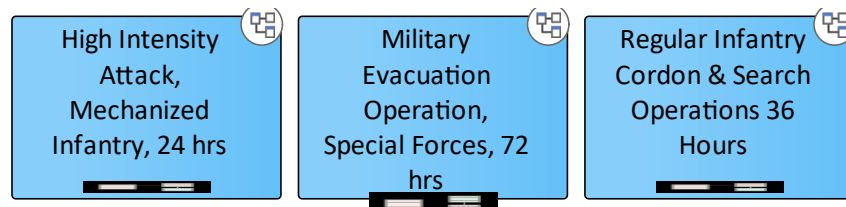


Figure 27: NOV-6

1.1.2.24 NOV-6_1 diagram

OV-1 diagram in package 'NOV-6a Operational Rule Model'

NOV-6_1
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High-Intensity Attack, Mechanized Infantry, 24 hrs																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Activity	technical service/ safeguarding					advance/ approach					incursion/ combat					safeguarding captured area/ logistics								
Vehicle																								
Weapon	only for special cases					in standby					in operation (stabilized)					in standby for safeguarding								
Optics/Optronics	in operation for safeguarding					in operation					in operation					in operation for safeguarding								
Voice Radio	standby					standby					in operation					standby								
BMS	in operation					in operation					in operation					in operation								
Vehicle	move for supply and safeguarding					cruising speed (10-30km/h in light terrain)					maximum speed (10-30km/h in rough terrain)					move for supply and safeguarding (e.g. 15km radius)								
Engine	for electrical power supply					mainly for driving					only for driving					for electrical power supply								
DSS																								
Mount Status	partly mounted (30% dismounted for safeguarding)					all mounted					alternating between mounted / dismounted					partly mounted (60% dismounted for safeguarding)								
Connected to Vehicle	partly					yes					no					partly								
Soldier Equipment	soldiers are partly equipped					all soldiers are fully equipped					all soldiers are fully equipped					soldiers are partly equipped								
Soldier C4I	in operation (for 30%)					in operation					in operation					in operation (for 60%)								
Radio	in operation (for 30%)					no radio					radio only when dismounted					in operation (for 60%)								
Squad Leader C4I	in operation					in operation					in operation					in operation								

Figure 28: NOV-6_1

1.1.2.25 NOV-6_2 diagram

OV-1 diagram in package 'NOV-6a Operational Rule Model'

NOV-6_2
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OV-1 NOV-6

	Military Evacuation Operation, Special Forces, 72 hrs																																							
	1	2	3	4	5	6	7	8	...	23	24	1	2	3	4	5	6	7	...	20	21	22	23	24	1	2	3	4	...	19	20	21	22	23	24					
Activity	Transport				Assemble				Combat				Safeguarding/ Resting				Pre- pa-re				Combat				Log- is-tics				Safeguarding/ Resting				Combat				Resting/ Logistics/ Safeguarding			
Soldier Equipment (incl Backpack)	fully carried				fully carried				fully/partly carried				fully carried (for 30%)				fully (no backpack)				fully carried (for 30%)				fully carried				fully carried (for 30%)											
Soldier C4I	in operation (low usage)				in operation (high usage)				in operation (medium usage)				in operation (low usage, for 50%)				in operation (medium usage)				in operation (low usage for 50%)				in operation (medium usage)				in operation (medium usage)				in operation (low usage, for 50%)							
Voice Radio	5% of the time				10% of the time				10% of the time				10% of the time (for 30%)				10% of the time				10% of the time (for 30%)				10% of the time				10% of the time (for 30%)											
Optics/Optronics	50% in operation				50% in operation				100% in operation				50% in operation (for 30%)				50% in operation				50% in operation (for 30%)				50% in operation				50% in operation (for 30%)											
Weapon	only for special cases				only for special cases				in operation				in standby (for 30%)				in operation				in standby (for 30%)				in operation				standby (for 30%)											
external power supply / spare batteries	no				no				no				recharge/ replacement				no				recharge/ replacement				no				recharge/ replacement											
Squad Leader C4I	in operation				in operation				in operation				in operation				in operation				in operation				in operation				in operation											

Figure 29: NOV-6_2

1.1.2.26 NOV-6_3 diagram

OV-1 diagram in package 'NOV-6a Operational Rule Model'

NOV-6_3
Version 1.0

GOSSRA Consortium created on 26/11/2019. Last modified 29/07/2020

OV-1 NOV-6

Cordon and Search Operation, Regular Infantry, 36 Hours																																					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	22	23	24	25	26	26	27	28	29	30	31	32...36						
Activity	Receive Intelligence, Plan, Assemble, Briefing					Reconnaissance and Surveillance of Target Area					Move and Deploy Cordon (Outer/Inner Perimeter & Stops)					Search Operations and Combat										Combing Operations (Possible Encounters)			Sanitising Area (Likely Encounters)		Link Up & Reporting		De-induction				
Soldier Equipment (incl. back pack)	Not Carried					Partly Carried					Fully Carried					Fully Carried										Fully Carried			Fully Carried		Fully Carried		Partly Carried				
Soldier C4I	In Operation (Low Usage)					In Operation (Low Usage)					In Operation (Medium Usage)					In Operation (High Usage)										In Operation (Medium Usage)			In Operation (High Usage)		In Operation (Medium Usage)		In Op. (Low Usage 60%)				
Voice/ Radio	In Operation (but maintaining radio silence)					In Operation (but maintaining radio silence)					In Operation (but maintaining radio silence)					In Operation (High Usage)										In Operation (Medium Usage)			In Operation (High Usage)		In Operation (High Usage)		In Operation (Low Usage)				
Optics/ Optronics	Not in operation					In Operation (High Usage)					In Operation (High Usage)					In Operation (High Usage)										In Operation (High Usage)			In Operation (High Usage)				In Operation (Low Usage)				
Weapon	Not in operation					Usage only in Emergency Encounters					Usage only in Emergency Encounter					In Operation (High Usage)										In Operation (High Usage)			In Operation (High Usage)				Usage Only in Emergencies				
External PS /Spare Batteries	Recharge / Replacement					No					No					No										No			No		No		Recharge / Replacement				
LEGEND:	 Low Intensity					 Middle Intensity					 High Intensity																										

Figure 30: NOV-6_3

1.1.3 Systems Interface Description diagram

SV-1 diagram in package 'NSV'

Systems Interface Description

Version 1.0

GOSSRA Consortium created on 12/11/2019. Last modified 29/07/2020

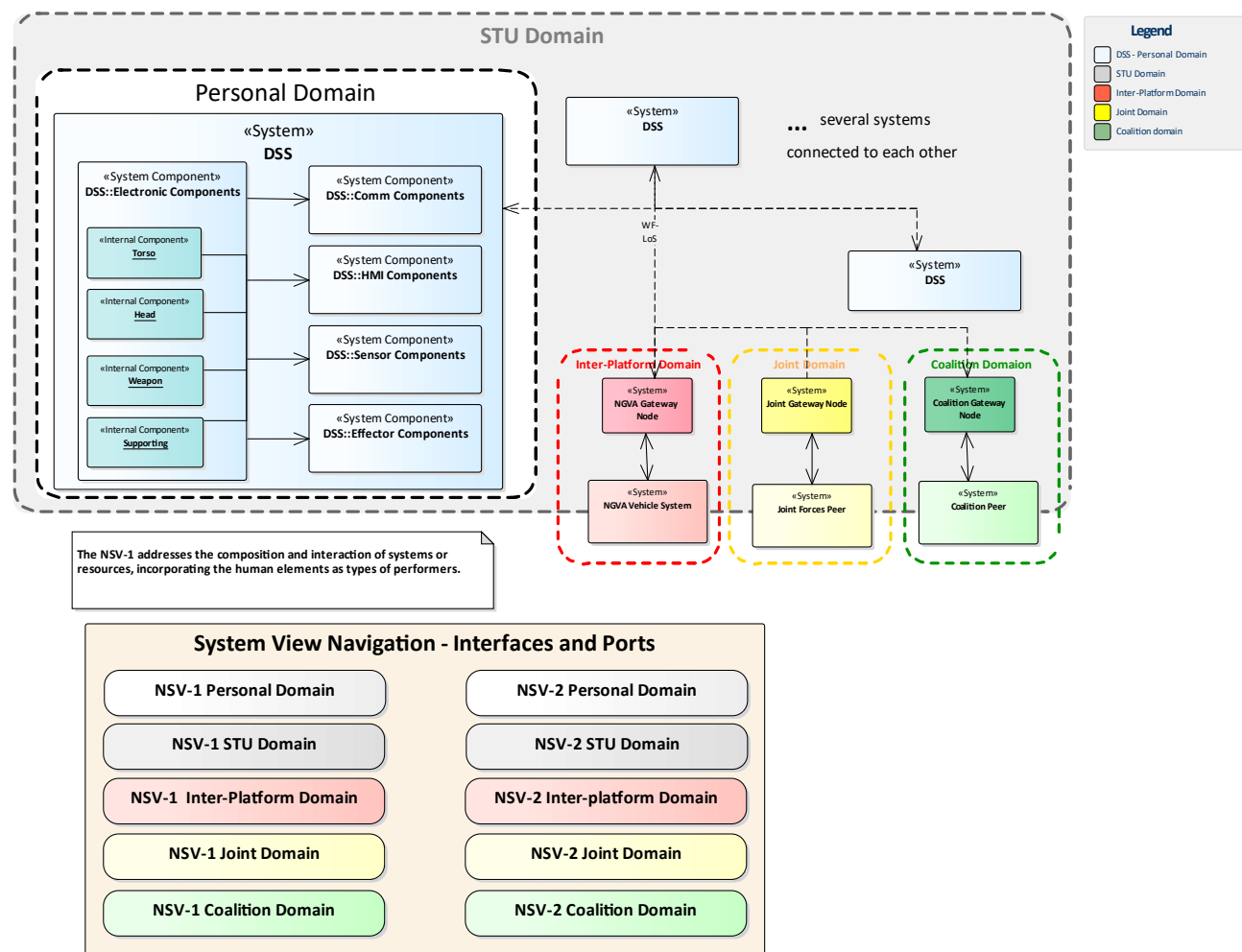


Figure 31: Systems Interface Description

1.1.3.1 NSV-1 System Interface Description (Personal Domain) diagram

UPDM diagram in package 'NSV/Personal Domain'

NSV-1 System Interface Description (Personal Domain)

Version 1.0

GOSSRA Consortium created on 12/11/2019. Last modified 29/07/2020

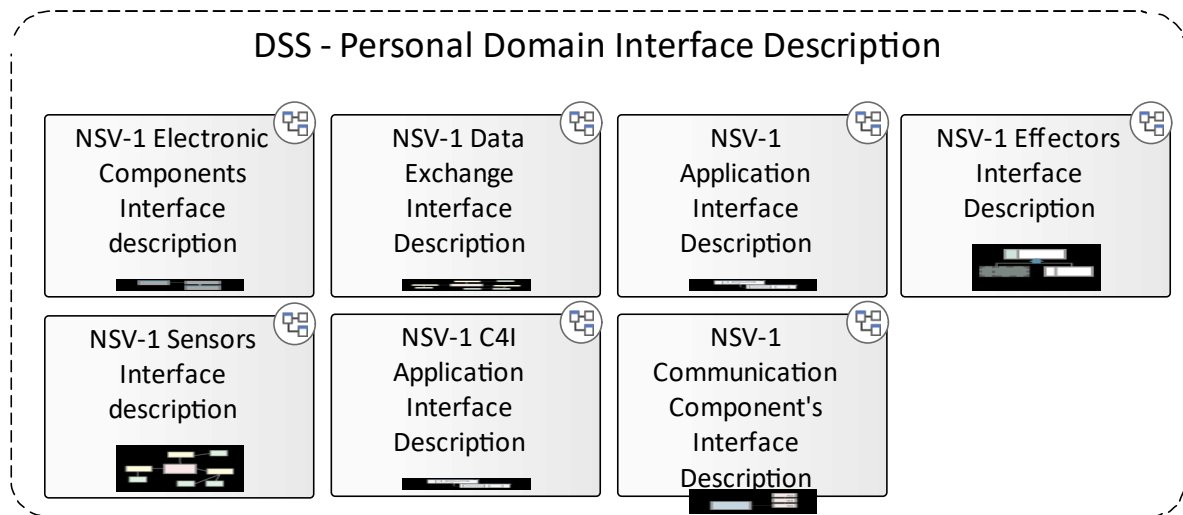


Figure 32: NSV-1 System Interface Description (Personal Domain)

1.1.3.2 NSV-2 System Communication Description (Personal Domain) diagram

UPDM diagram in package 'NSV/Personal Domain'

NSV-2 System Communication Description (Personal Domain)

Version 1.0

GOSSRA Consortium created on 11/09/2019. Last modified 29/07/2020

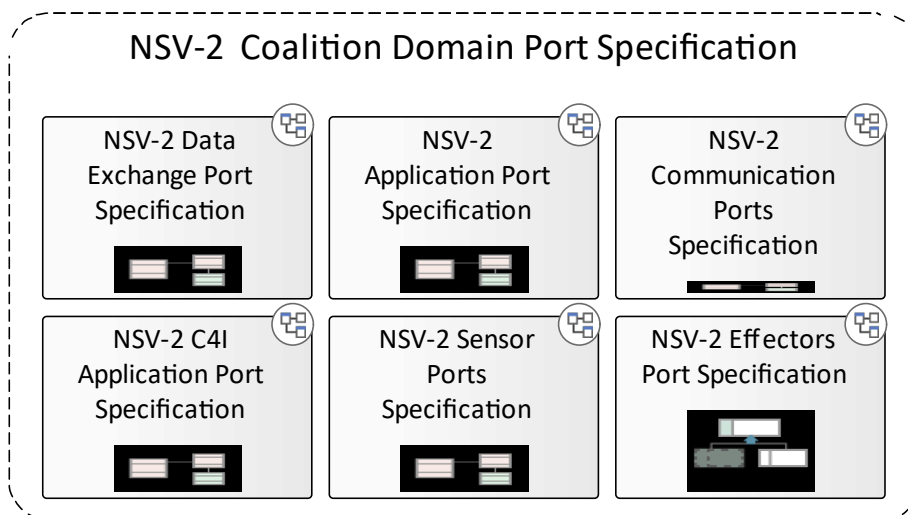


Figure 33: NSV-2 System Communication Description (Personal Domain)

1.1.3.2.1 NSV-1 Electronic Components Interface description diagram

SV-1 diagram in package 'Electronic Components'

NSV-1 Electronic Components Interface description

Version 1.0

GOSSRA Consortium created on 11/09/2019. Last modified 29/07/2020

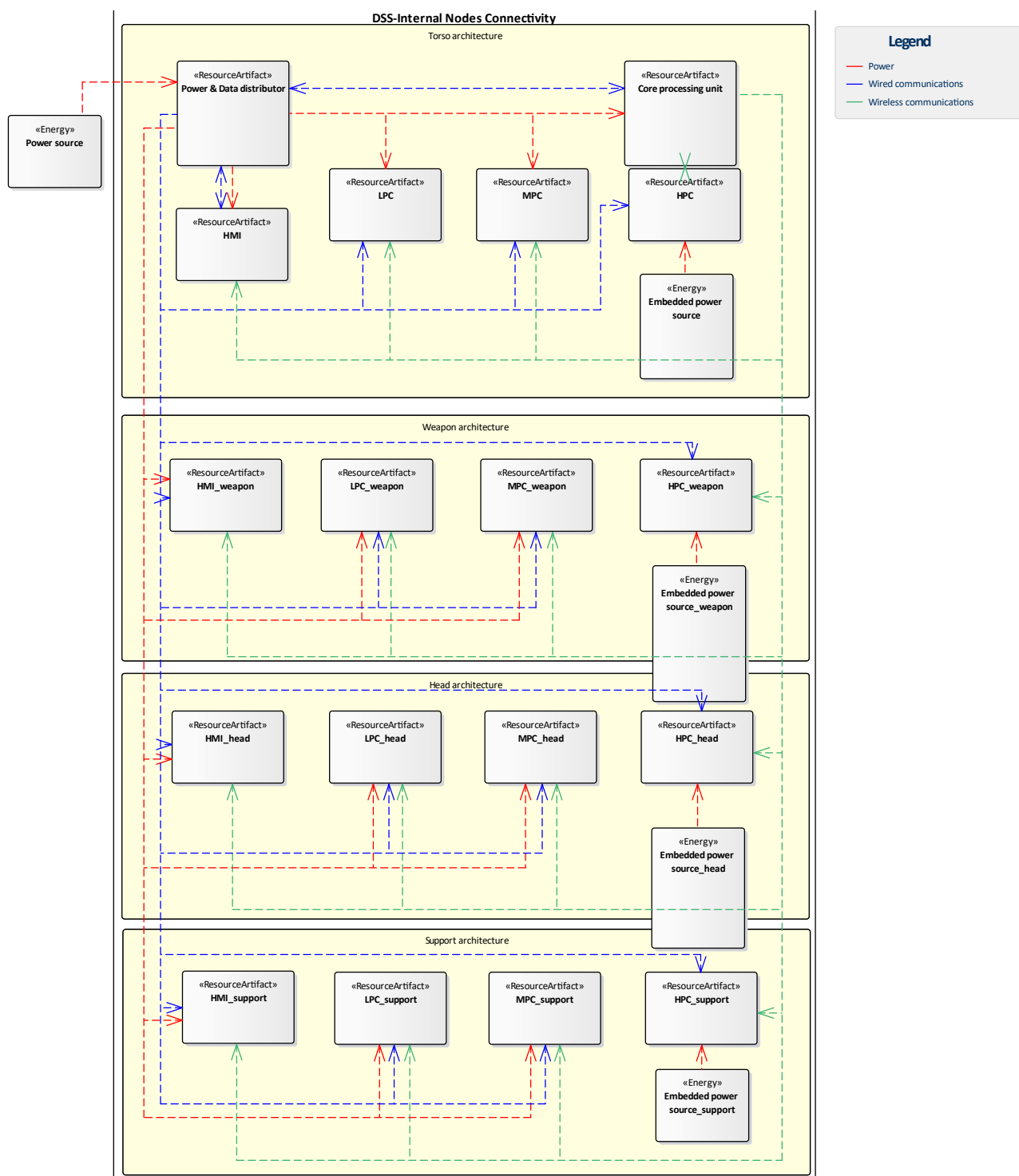


Figure 34: NSV-1 Electronic Components Interface description

1.1.3.2.2 NSV-1 Data Exchange Interface Description diagram

SV-1 diagram in package 'Data Exchange Services'

NSV-1 Data Exchange Interface Description

Version 1.0

GOSSRA Consortium created on 07/11/2019. Last modified 29/07/2020

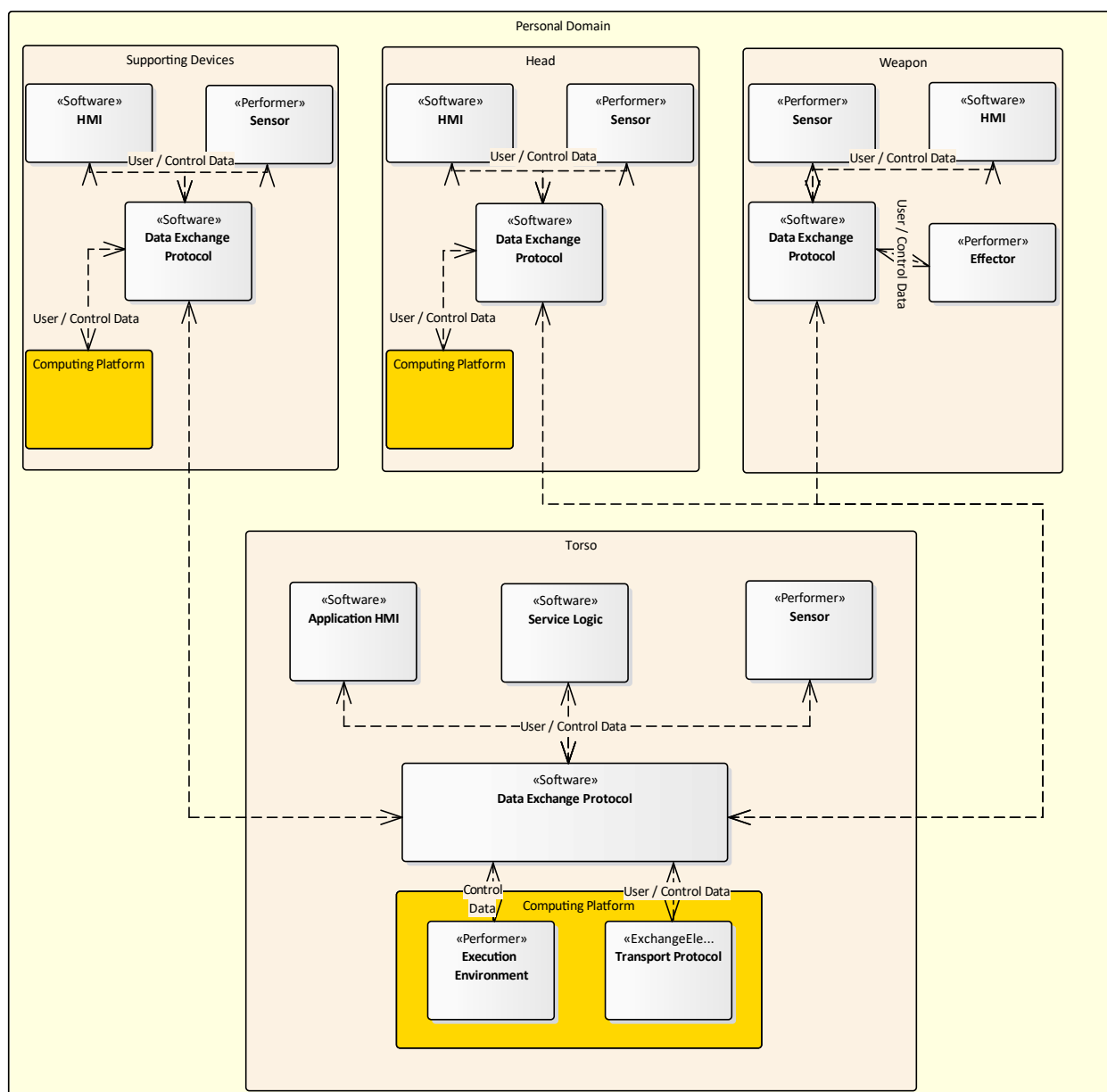


Figure 35: NSV-1 Data Exchange Interface Description

1.1.3.2.3 NSV-2 Data Exchange Port Specification diagram

SV-2 diagram in package 'Data Exchange Services'

NSV-2 Data Exchange Port Specification

Version 1.0

GOSSRA Consortium created on 07/10/2019. Last modified 29/07/2020

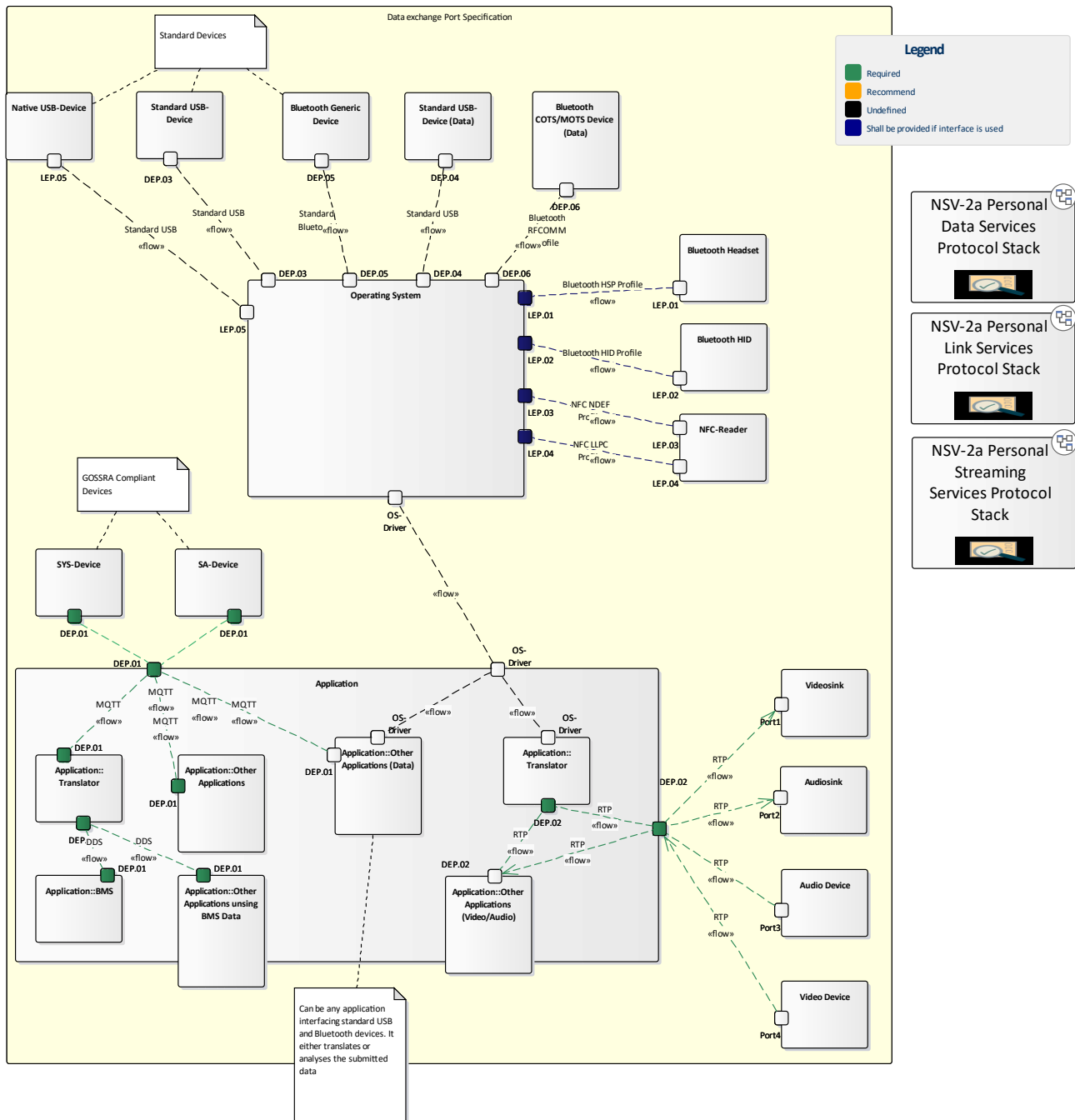


Figure 36: NSV-2 Data Exchange Port Specification

1.1.3.2.3.1.1 NSV-2a Personal Data Services Protocol Stack diagram

SV-2 diagram in package 'Protocol Stack'

NSV-2a Personal Data Services Protocol Stack

Version 1.0

GOSSRA Consortium created on 13/11/2019. Last modified 29/07/2020



Figure 37: NSV-2a Personal Data Services Protocol Stack

1.1.3.2.3.1.2 NSV-2a Personal Link Services Protocol Stack diagram

SV-2 diagram in package 'Protocol Stack'

NSV-2a Personal Link Services Protocol Stack

Version 1.0

GOSSRA Consortium created on 13/11/2019. Last modified 29/07/2020

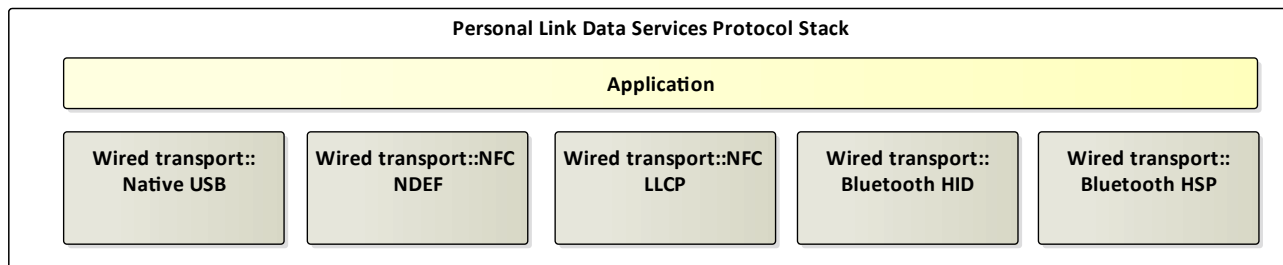


Figure 38: NSV-2a Personal Link Services Protocol Stack

1.1.3.2.3.1.3 NSV-2a Personal Streaming Services Protocol Stack diagram

SV-2 diagram in package 'Protocol Stack'

NSV-2a Personal Streaming Services Protocol Stack

Version 1.0

GOSSRA Consortium created on 13/11/2019. Last modified 29/07/2020

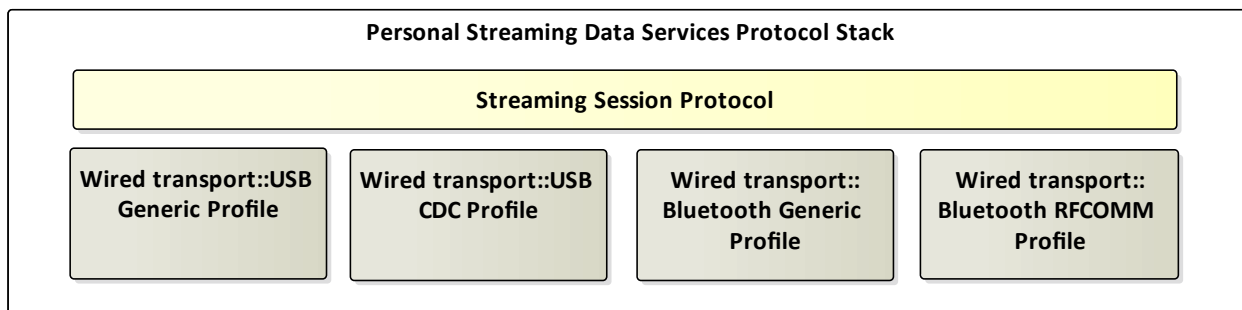


Figure 39: NSV-2a Personal Streaming Services Protocol Stack

1.1.3.2.4 NSV-1 Application Interface Description diagram

SV-1 diagram in package 'Soldier Application'

NSV-1 Application Interface Description

Version 1.0

GOSSRA Consortium created on 14/10/2019. Last modified 29/07/2020

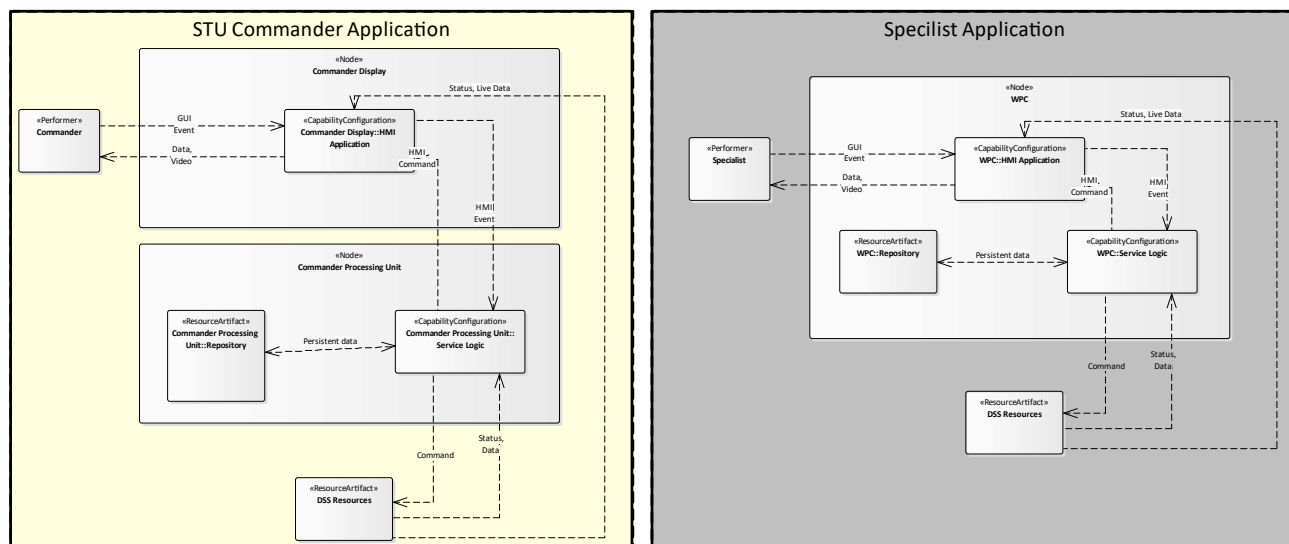


Figure 40: NSV-1 Application Interface Description

1.1.3.2.5 NSV-2 Application Port Specification diagram

SV-2 diagram in package 'Soldier Application'

NSV-2 Application Port Specification

Version 1.0

GOSSRA Consortium created on 07/10/2019. Last modified 29/07/2020

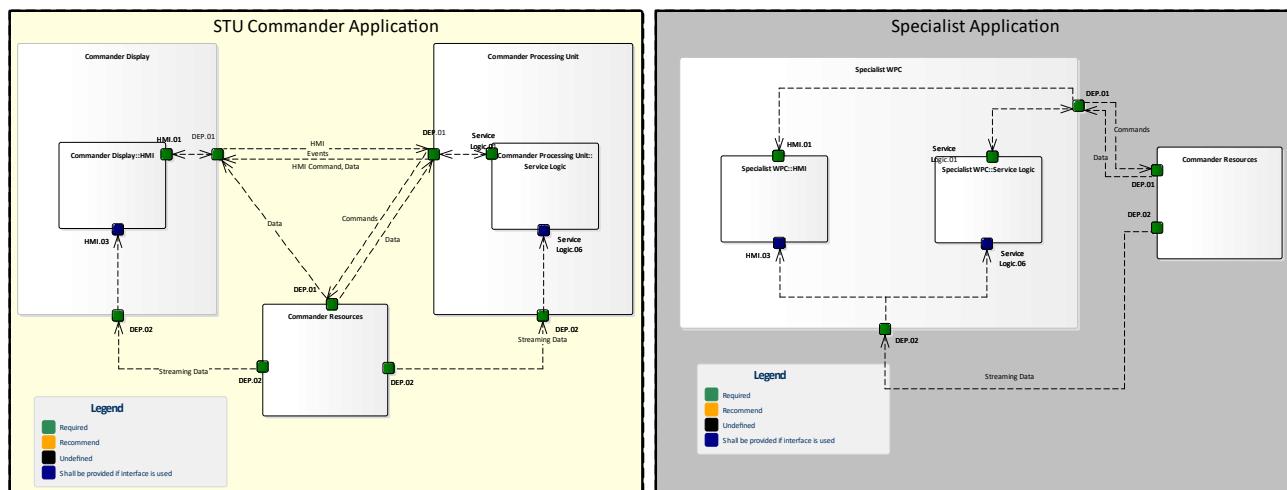


Figure 41: NSV-2 Application Port Specification

1.1.3.2.6 NSV-1 Communication Component's Interface Description diagram

SV-1 diagram in package 'Communication Components'

NSV-1 Communication Component's Interface Description

Version 1.0

GOSSRA Consortium created on 07/11/2019. Last modified 29/07/2020

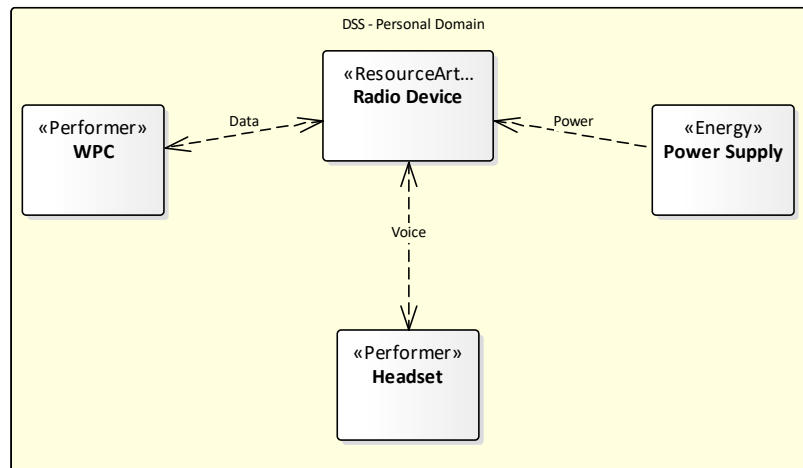


Figure 42: NSV-1 Communication Component's Interface Description

1.1.3.2.7 NSV-2 Communication Ports Specification diagram

SV-2 diagram in package 'Communication Components'

NSV-2 Communication Ports Specification

Version 1.0

GOSSRA Consortium created on 07/11/2019. Last modified 29/07/2020

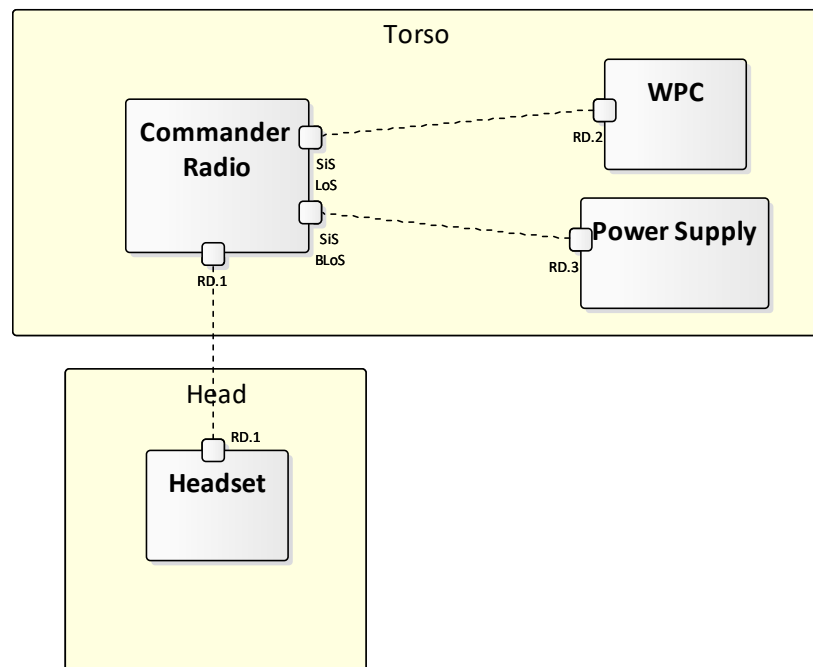


Figure 43: NSV-2 Communication Ports Specification

1.1.3.2.8 NSV-1 C4I Application Interface Description diagram

Class diagram in package 'C4I Application'

NSV-1 C4I Application Interface Description

Version 1.0

GOSSRA Consortium created on 12/11/2019. Last modified 29/07/2020

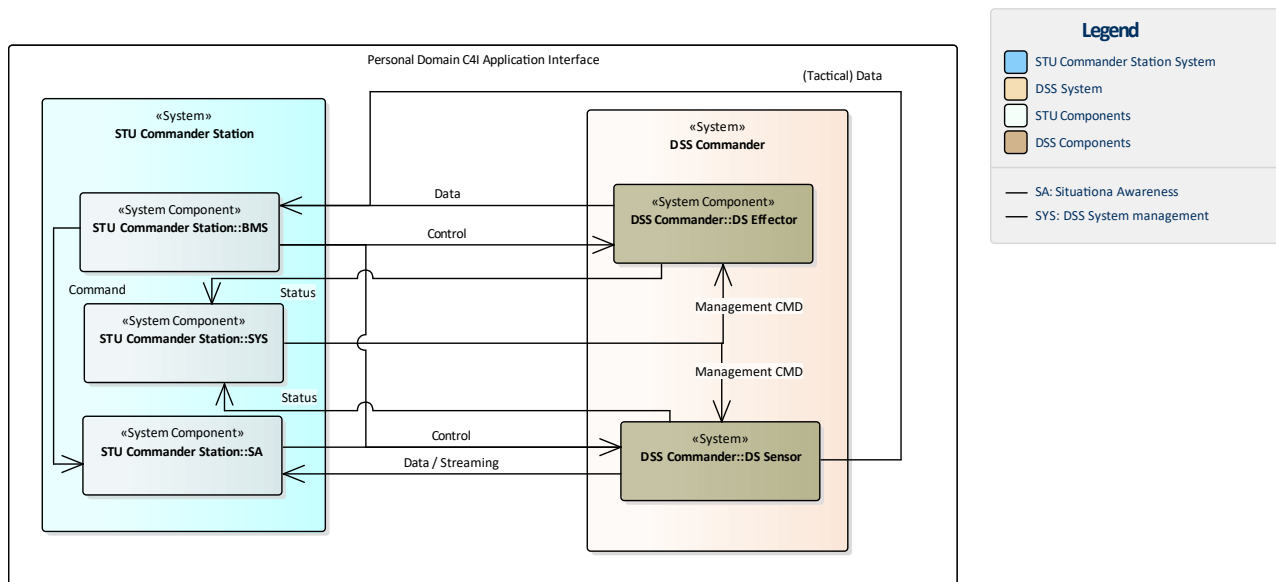


Figure 44: NSV-1 C4I Application Interface Description

1.1.3.2.9 NSV-2 C4I Application Port Specification diagram

Class diagram in package 'C4I Application'

NSV-2 C4I Application Port Specification

Version 1.0

GOSSRA Consortium created on 20/09/2019. Last modified 29/07/2020

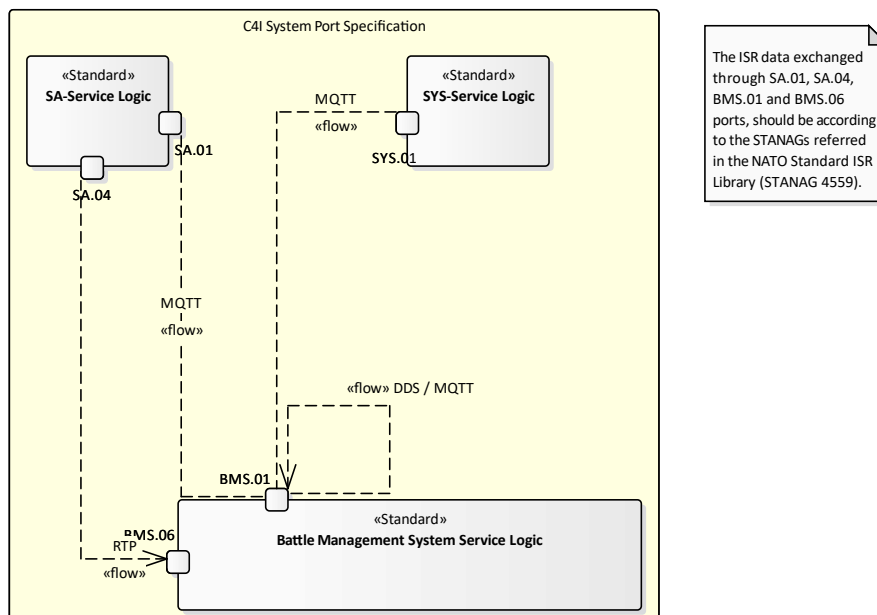


Figure 45: NSV-2 C4I Application Port Specification

1.1.3.2.10 Legacy Gateway diagram

SV-1 diagram in package 'Sensors'

Legacy Gateway
Version 1.0

GOSSRA Consortium created on 26/03/2020. Last modified 29/07/2020

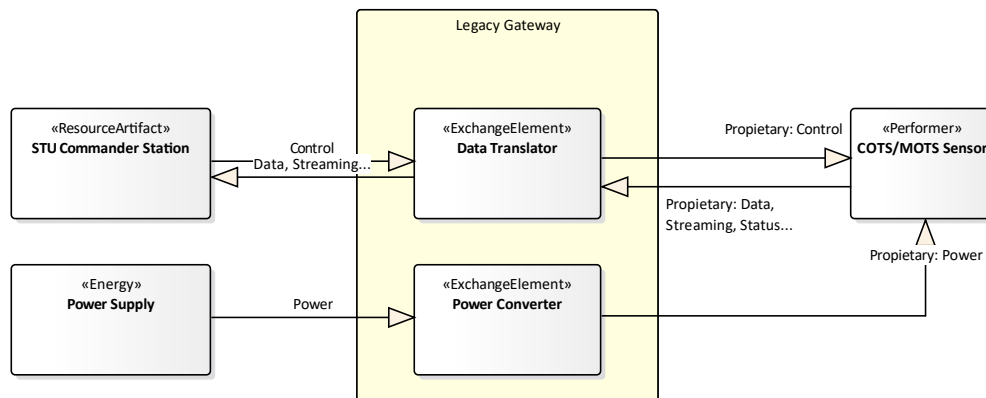


Figure 46: Legacy Gateway

1.1.3.2.11 NSV-1 Sensors Interface description diagram

SV-1 diagram in package 'Sensors'

NSV-1 Sensors Interface description

Version 1.0

GOSSRA Consortium created on 12/11/2019. Last modified 29/07/2020

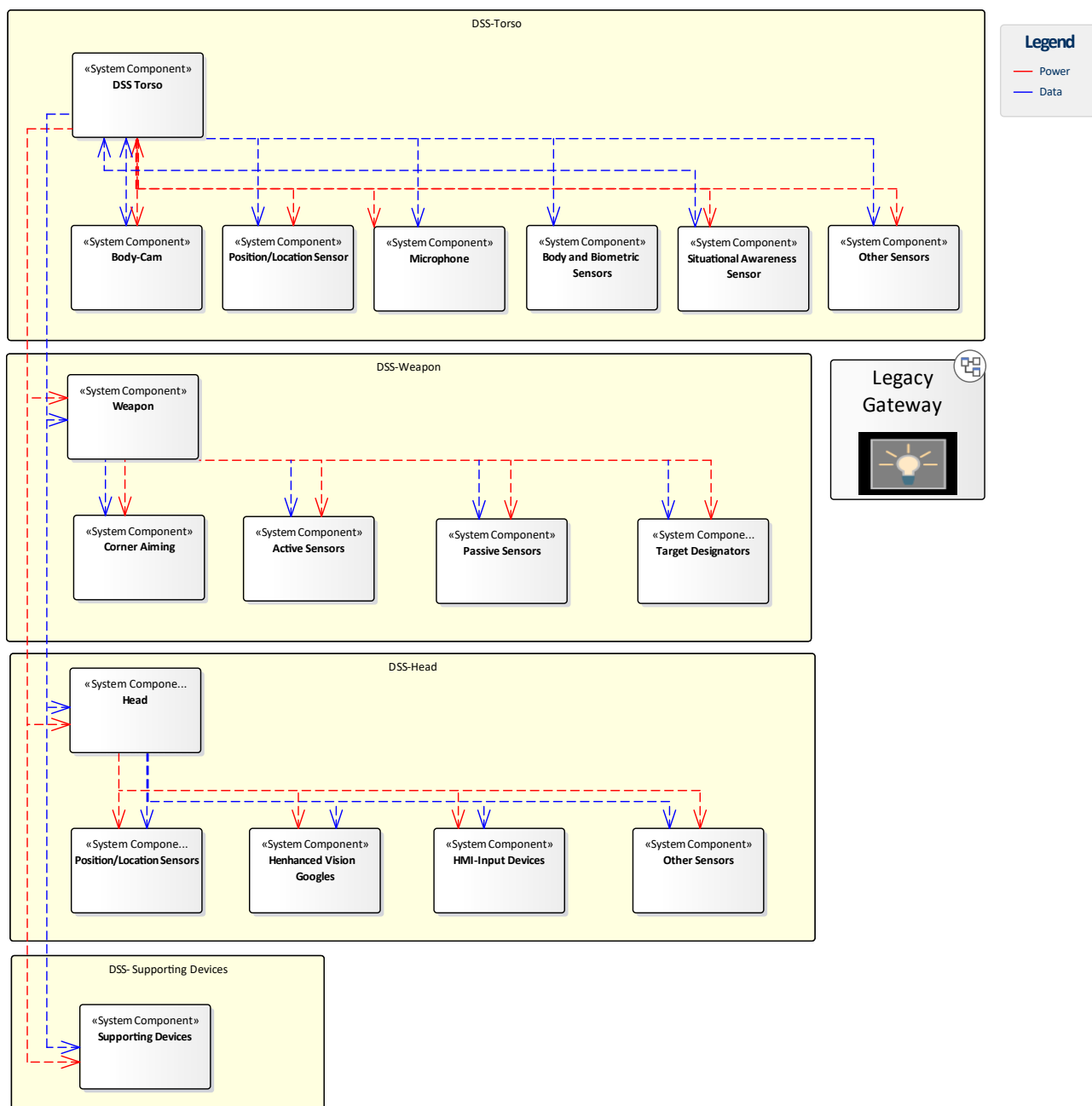


Figure 47: NSV-1 Sensors Interface description

1.1.3.2.12 NSV-2 Sensor Ports Specification diagram

SV-2 diagram in package 'Sensors'

NSV-2 Sensor Ports Specification

Version 1.0

GOSSRA Consortium created on 05/11/2019. Last modified 29/07/2020

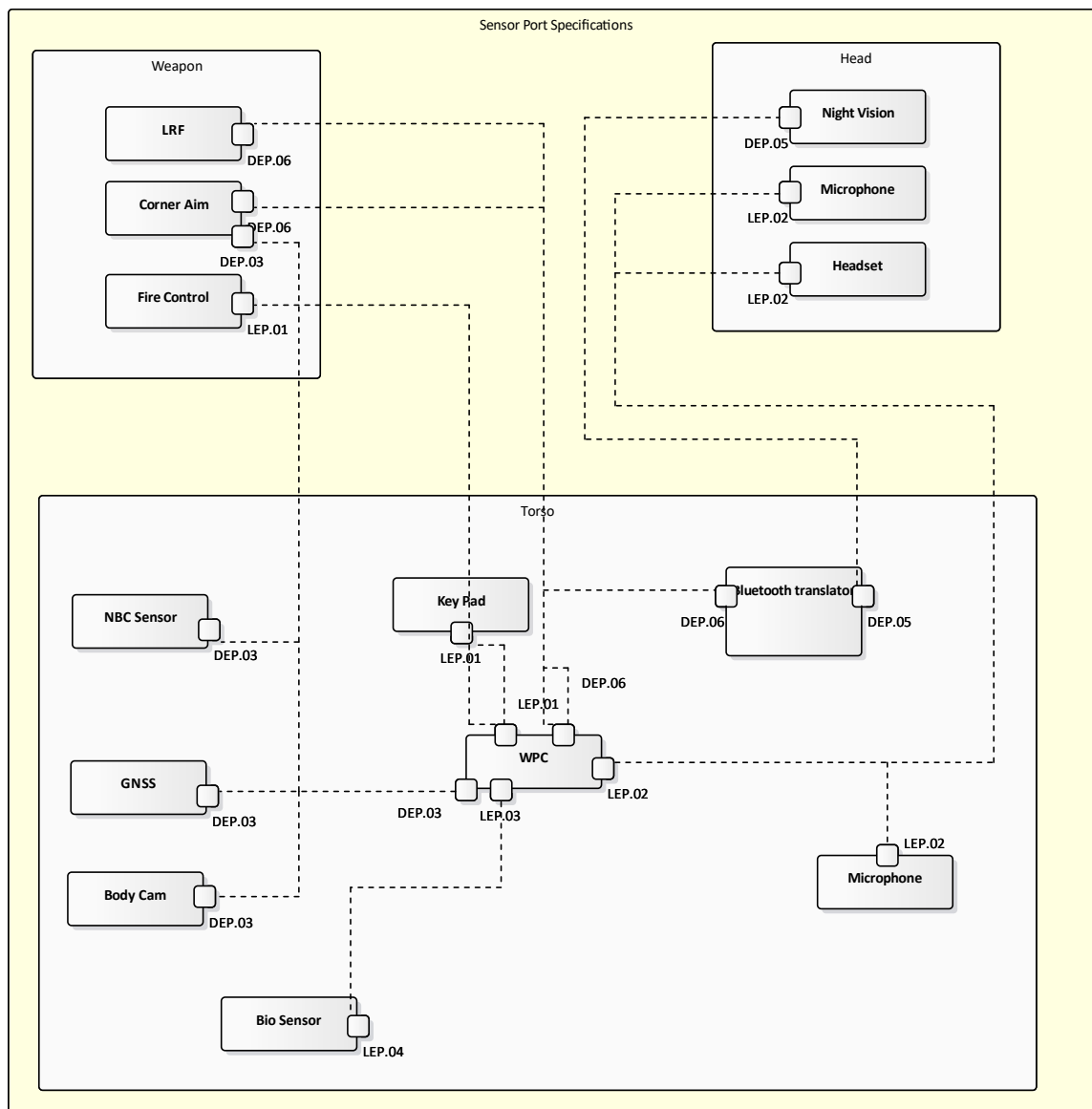


Figure 48: NSV-2 Sensor Ports Specification

1.1.3.2.13 NSV-1 Effectors Interface Description diagram

SV-1 diagram in package 'Effectors'

NSV-1 Effectors Interface Description

Version 1.0

GOSSRA Consortium created on 26/03/2020. Last modified 29/07/2020

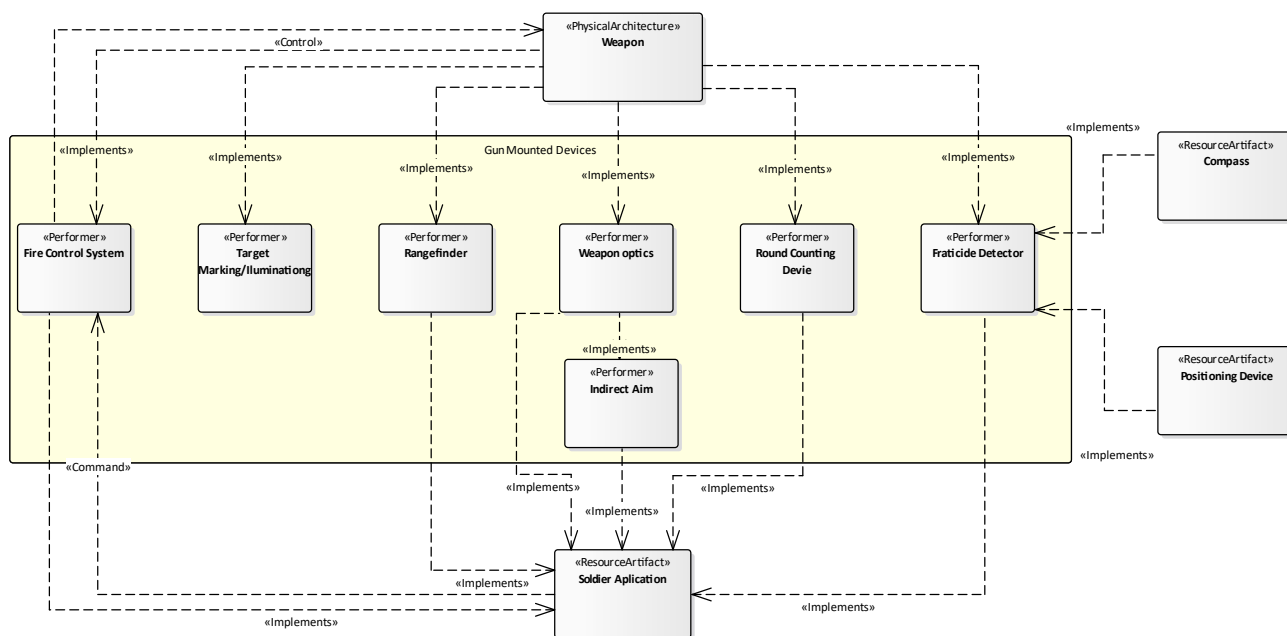


Figure 49: NSV-1 Effectors Interface Description

1.1.3.2.14 NSV-2 Effectors Port Specification diagram

SV-2 diagram in package 'Effectors'

NSV-2 Effectors Port Specification

Version 1.0

GOSSRA Consortium created on 26/03/2020. Last modified 29/07/2020

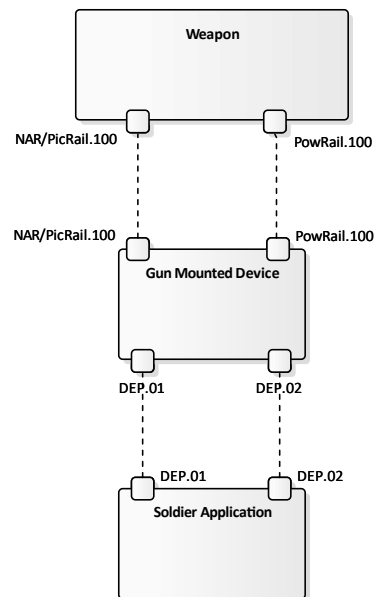


Figure 50: NSV-2 Effectors Port Specification

1.1.3.3 NSV-1 System Interface Description (STU Domain) diagram

UPDM diagram in package 'NSV/STU Domain'

NSV-1 System Interface Description (STU Domain)

Version 1.0

GOSSRA Consortium created on 13/11/2019. Last modified 29/07/2020

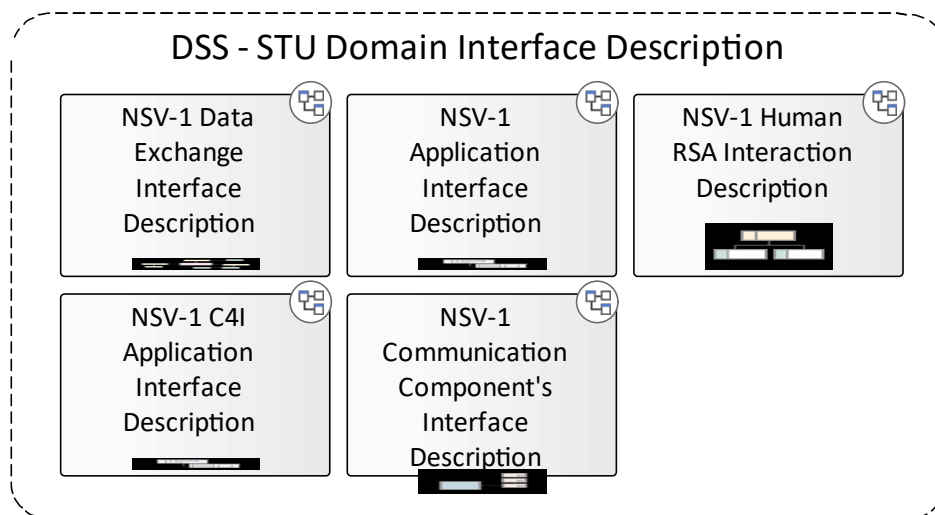


Figure 51: NSV-1 System Interface Description (STU Domain)

1.1.3.4 NSV-2 System Communication Description (STU Domain) diagram

UPDM diagram in package 'NSV/STU Domain'

NSV-2 System Communication Description (STU Domain)

Version 1.0

GOSSRA Consortium created on 13/11/2019. Last modified 29/07/2020

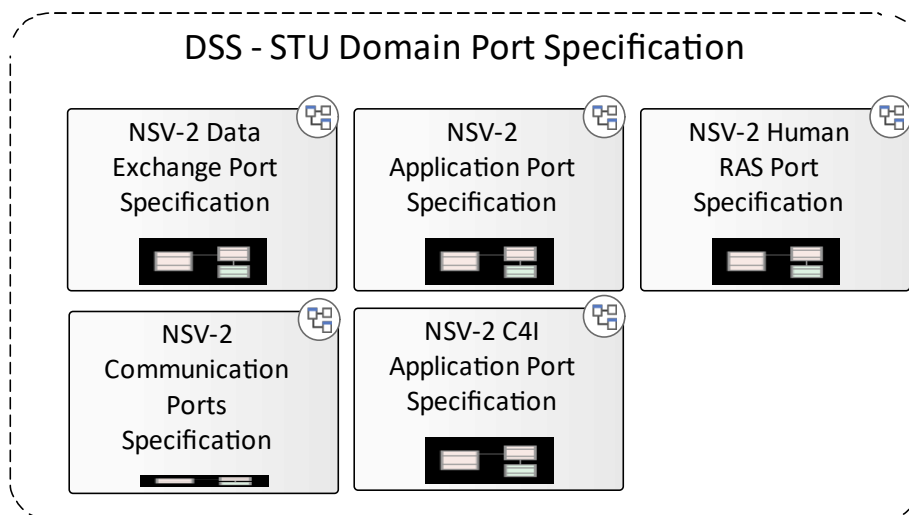


Figure 52: NSV-2 System Communication Description (STU Domain)

1.1.3.4.1 NSV-1 C4I Application Interface Description diagram

Class diagram in package 'C4I Application'

NSV-1 C4I Application Interface Description

Version 1.0

GOSSRA Consortium created on 13/11/2019. Last modified 29/07/2020

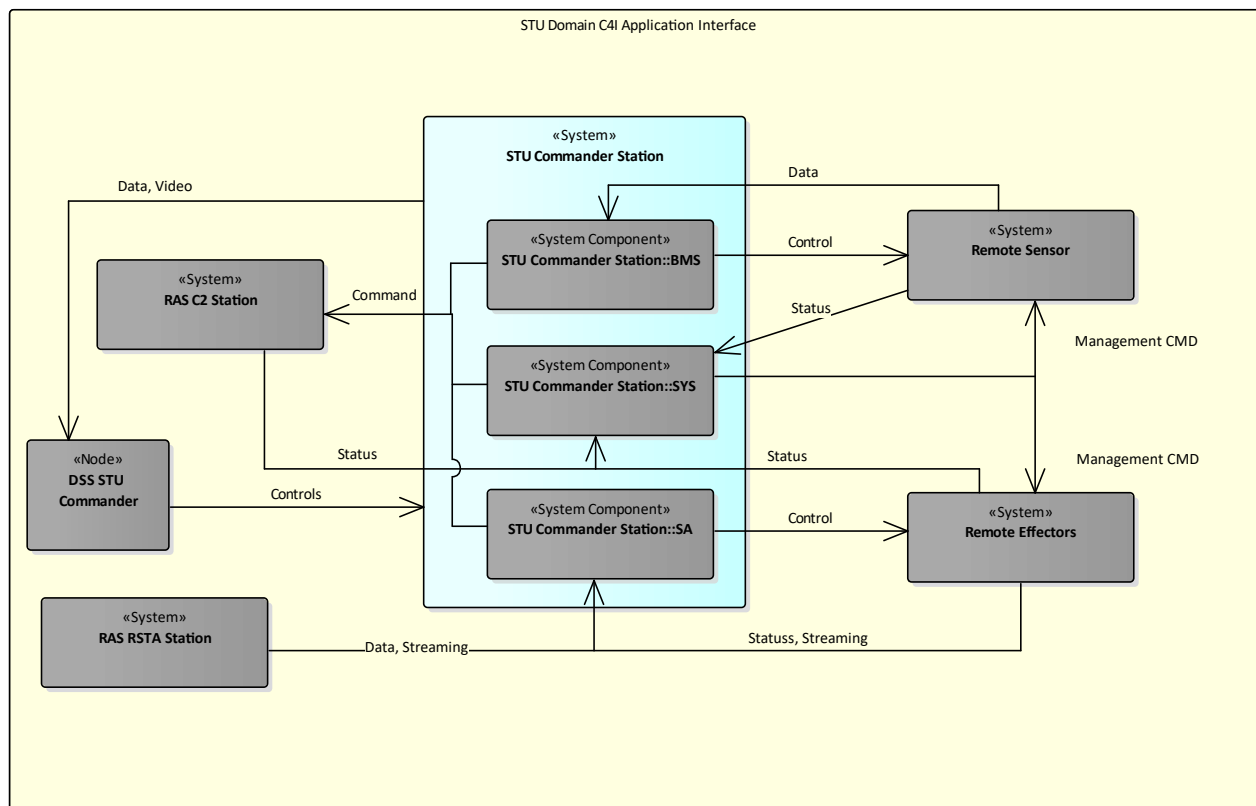


Figure 53: NSV-1 C4I Application Interface Description

1.1.3.4.2 NSV-2 C4I Application Port Specification diagram

SV-2 diagram in package 'C4I Application'

NSV-2 C4I Application Port Specification

Version 1.0

GOSSRA Consortium created on 14/11/2019. Last modified 29/07/2020

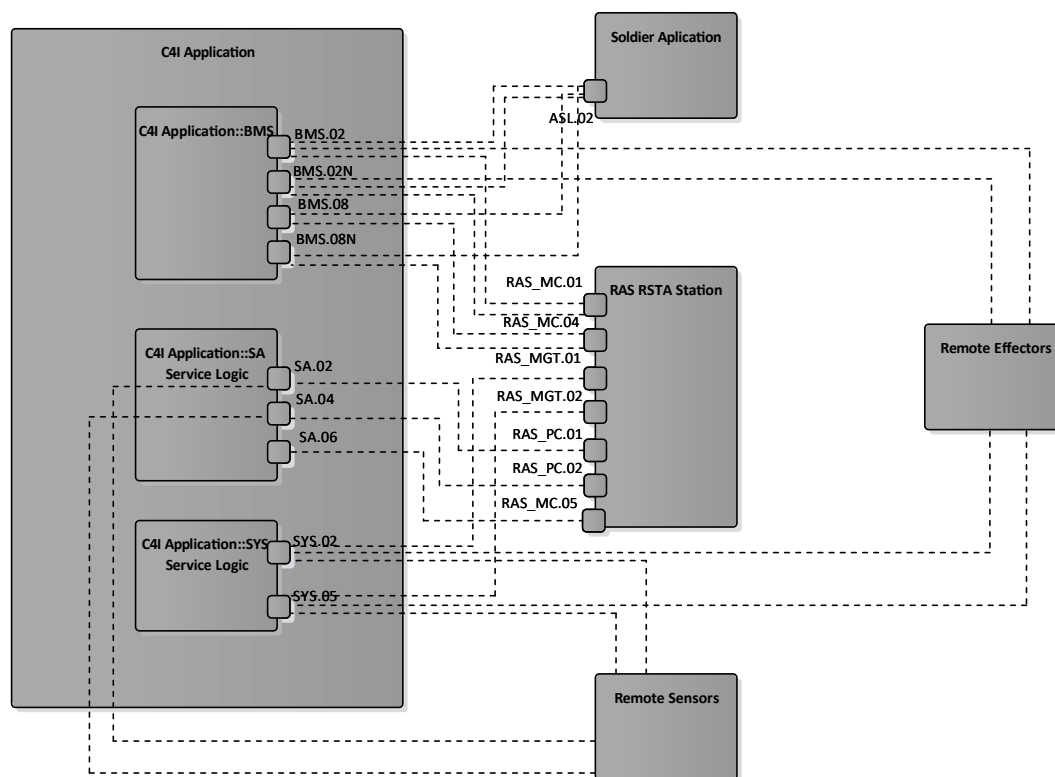


Figure 54: NSV-2 C4I Application Port Specification

1.1.3.4.3 NSV-1 Communication Component's Interface Description diagram

SV-1 diagram in package 'Communication Components'

NSV-1 Communication Component's Interface Description

Version 1.0

GOSSRA Consortium created on 14/11/2019. Last modified 29/07/2020

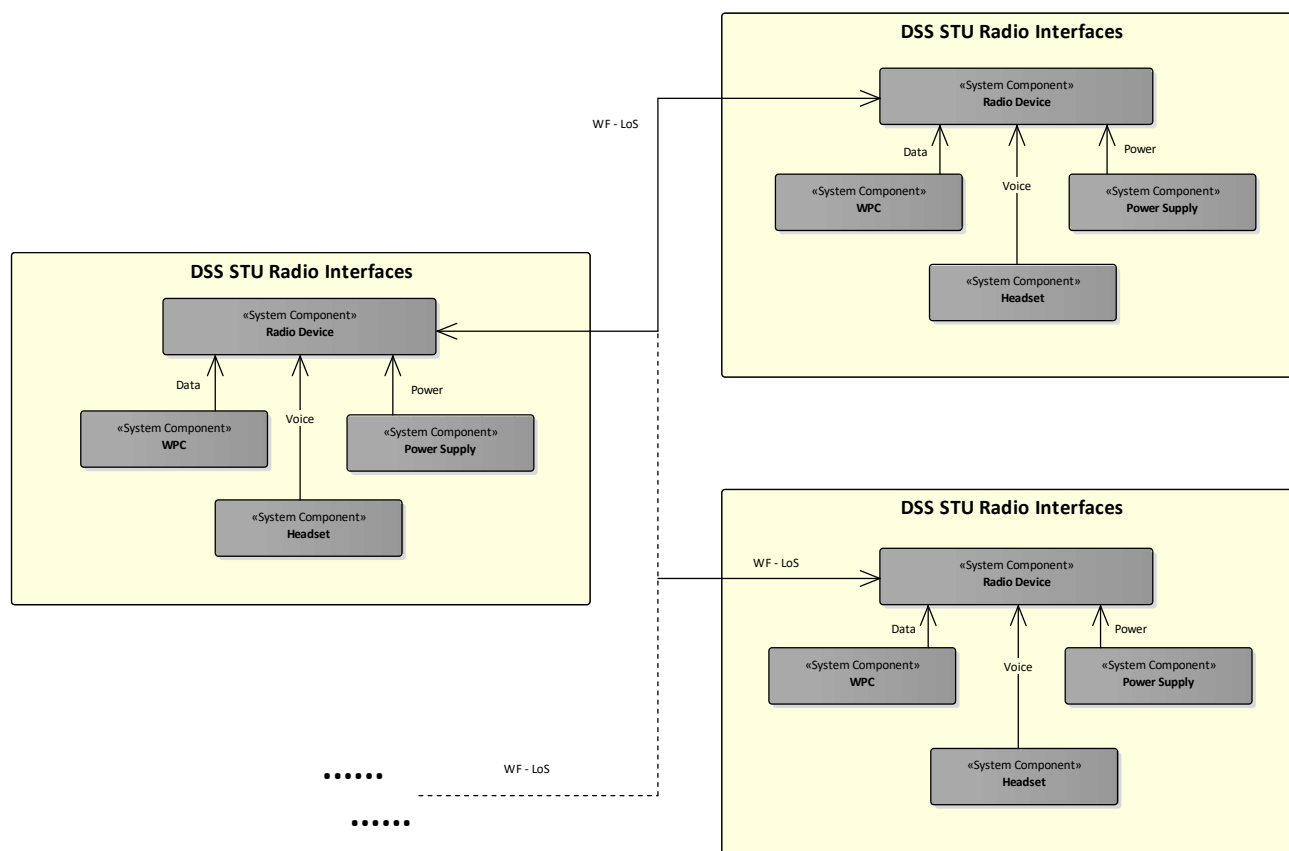


Figure 55: NSV-1 Communication Component's Interface Description

1.1.3.4.4 NSV-2 Communication Ports Specification diagram

SV-2 diagram in package 'Communication Components'

NSV-2 Communication Ports Specification

Version 1.0

GOSSRA Consortium created on 05/03/2020. Last modified 29/07/2020

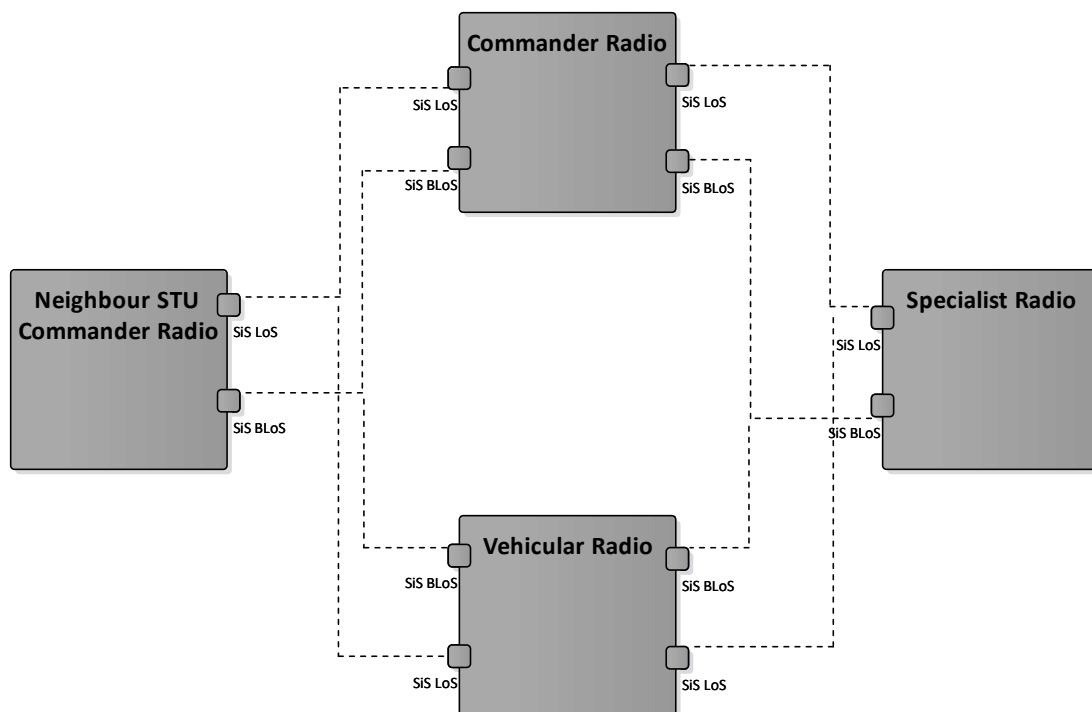


Figure 56: NSV-2 Communication Ports Specification

1.1.3.4.5 NSV-1 Data Exchange Interface Description diagram

SV-1 diagram in package 'Data Exchange Services'

NSV-1 Data Exchange Interface Description

Version 1.0

GOSSRA Consortium created on 13/11/2019. Last modified 29/07/2020

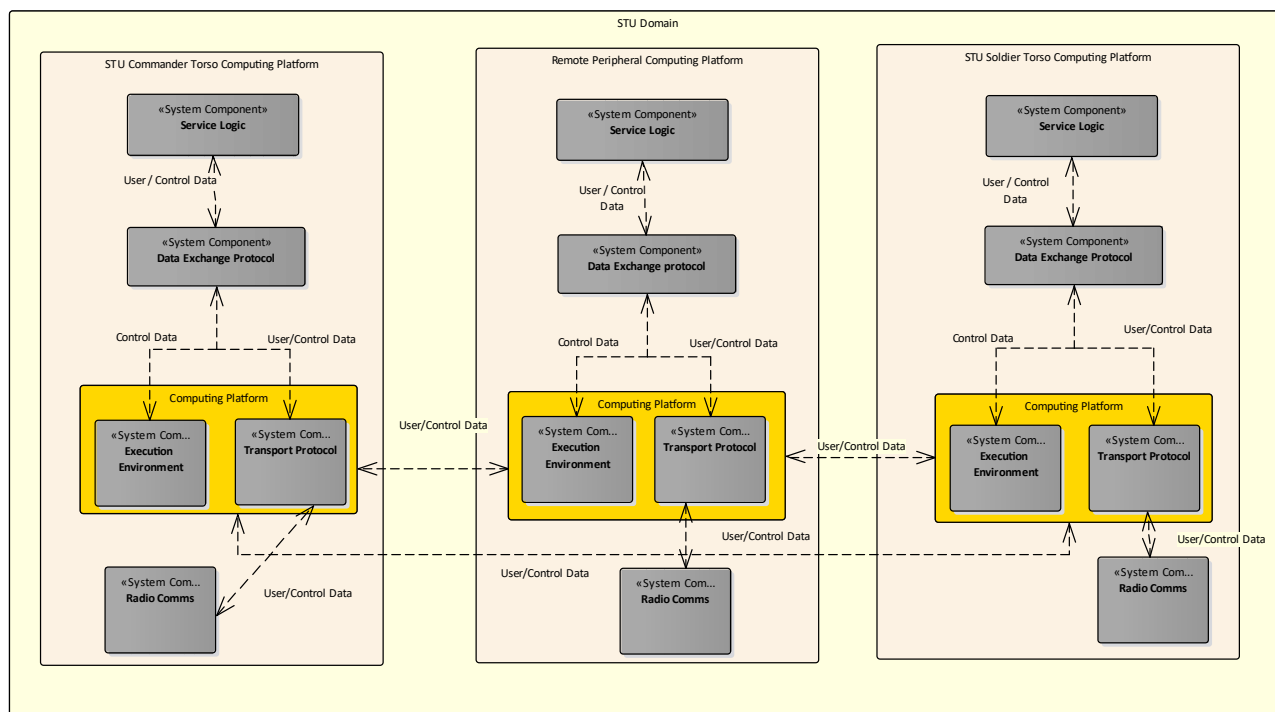


Figure 57: NSV-1 Data Exchange Interface Description

1.1.3.4.6 NSV-2 Data Exchange Port Specification diagram

SV-2 diagram in package 'Data Exchange Services'

NSV-2 Data Exchange Port Specification

Version 1.0

GOSSRA Consortium created on 07/10/2019. Last modified 29/07/2020

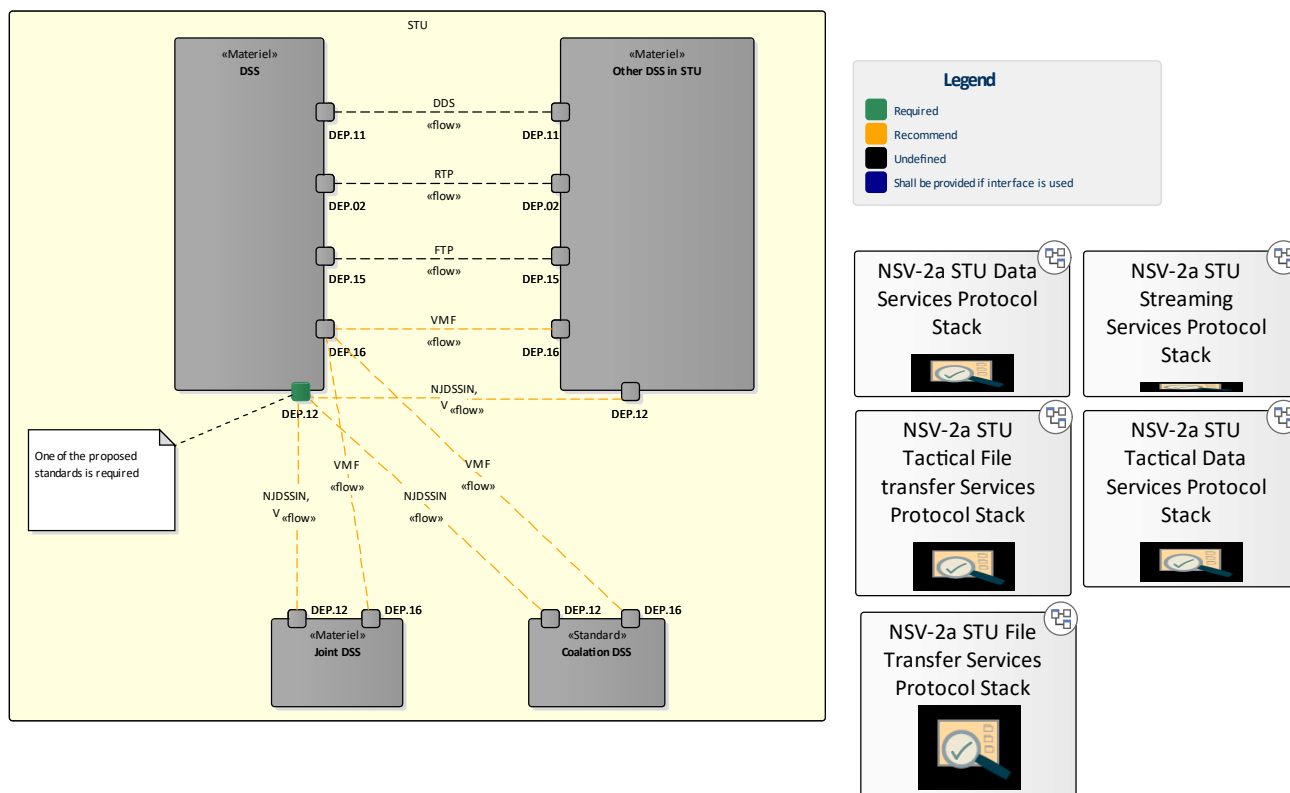


Figure 58: NSV-2 Data Exchange Port Specification

1.1.3.4.6.1.1 NSV-2a STU Data Services Protocol Stack diagram

SV-2 diagram in package 'Protocol Stack'

NSV-2a STU Data Services Protocol Stack

Version 1.0

GOSSRA Consortium created on 13/11/2019. Last modified 29/07/2020

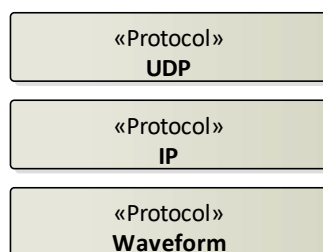


Figure 59: NSV-2a STU Data Services Protocol Stack

1.1.3.4.6.1.2 NSV-2a STU File Transfer Services Protocol Stack diagram

SV-2 diagram in package 'Protocol Stack'

NSV-2a STU File Transfer Services Protocol Stack

Version 1.0

GOSSRA Consortium created on 13/11/2019. Last modified 29/07/2020

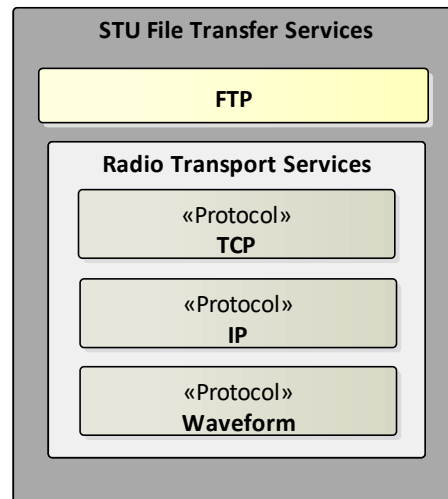


Figure 60: NSV-2a STU File Transfer Services Protocol Stack

1.1.3.4.6.1.3 NSV-2a STU Streaming Services Protocol Stack diagram

SV-2 diagram in package 'Protocol Stack'

NSV-2a STU Streaming Services Protocol Stack

Version 1.0

GOSSRA Consortium created on 13/11/2019. Last modified 29/07/2020

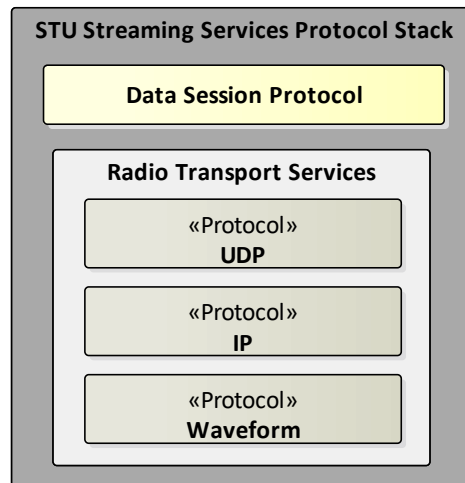


Figure 61: NSV-2a STU Streaming Services Protocol Stack

1.1.3.4.6.1.4 NSV-2a STU Tactical Data Services Protocol Stack diagram

SV-2 diagram in package 'Protocol Stack'

NSV-2a STU Tactical Data Services Protocol Stack

Version 1.0

GOSSRA Consortium created on 13/11/2019. Last modified 29/07/2020

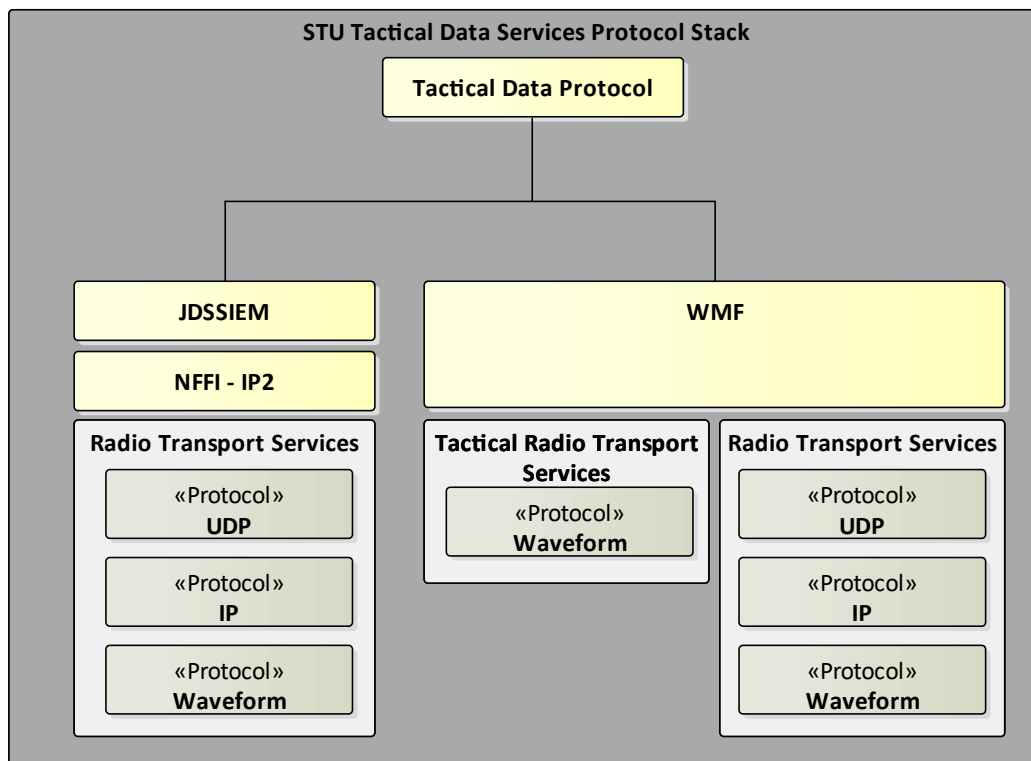


Figure 62: NSV-2a STU Tactical Data Services Protocol Stack

1.1.3.4.6.1.5 NSV-2a STU Tactical File transfer Services Protocol Stack diagram

SV-2 diagram in package 'Protocol Stack'

NSV-2a STU Tactical File transfer Services Protocol Stack

Version 1.0

GOSSRA Consortium created on 13/11/2019. Last modified 29/07/2020

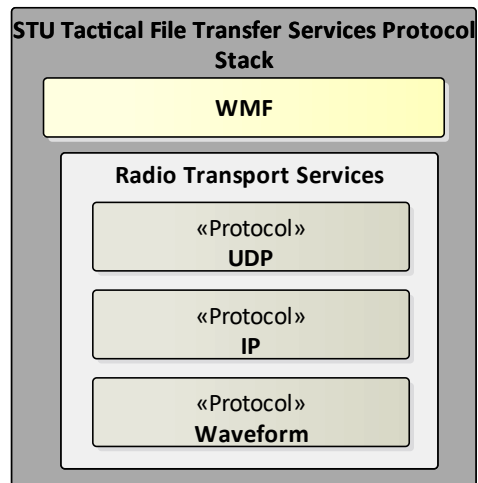


Figure 63: NSV-2a STU Tactical File transfer Services Protocol Stack

1.1.3.4.7 NSV-1 Human RAS Interaction Description diagram

Class diagram in package 'Human RAS Interaction'

NSV-1 Human RAS Interaction Description

Version 1.0

GOSSRA Consortium created on 20/09/2019. Last modified 29/07/2020

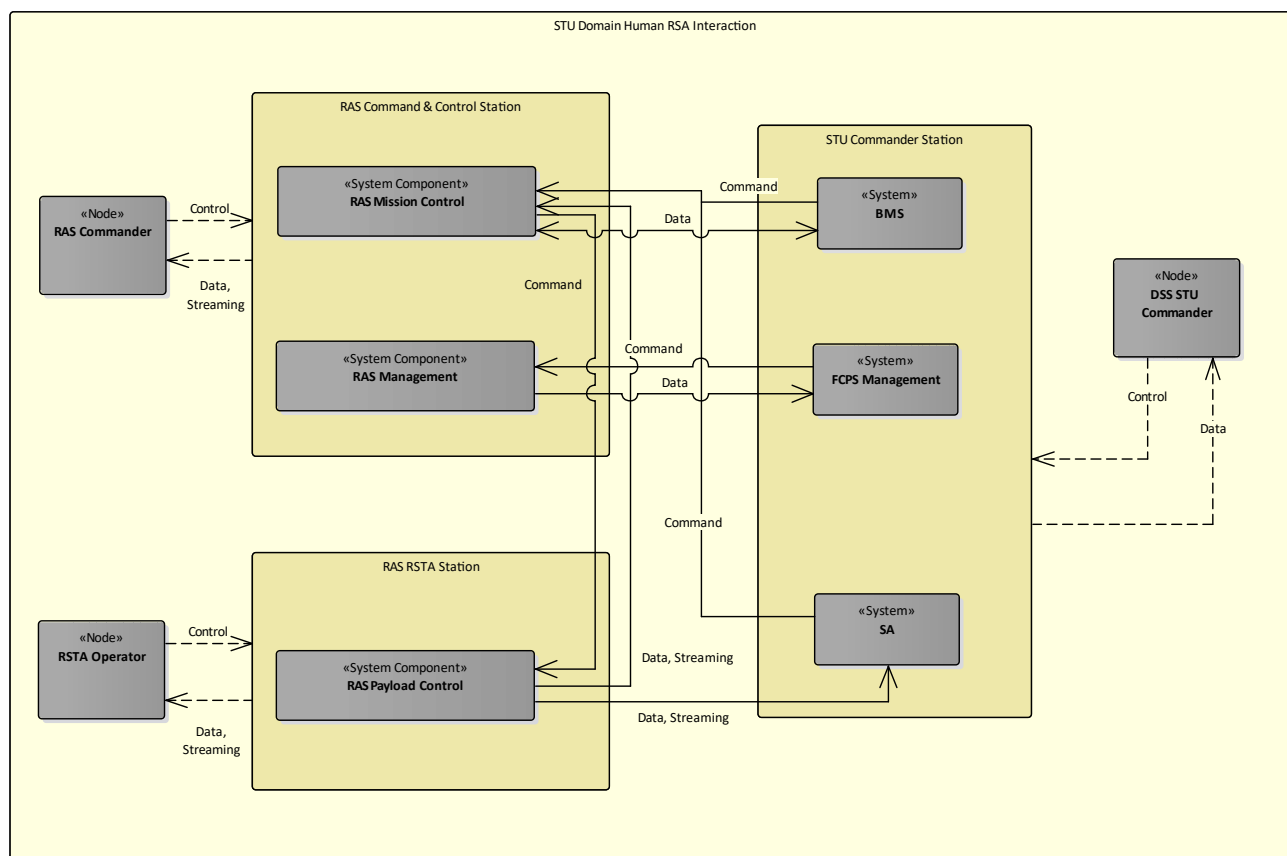


Figure 64: NSV-1 Human RAS Interaction Description

1.1.3.4.8 NSV-2 Human RAS Port Specification diagram

SV-2 diagram in package 'Human RAS Interaction'

NSV-2 Human RAS Port Specification

Version 1.0

GOSSRA Consortium created on 14/11/2019. Last modified 29/07/2020

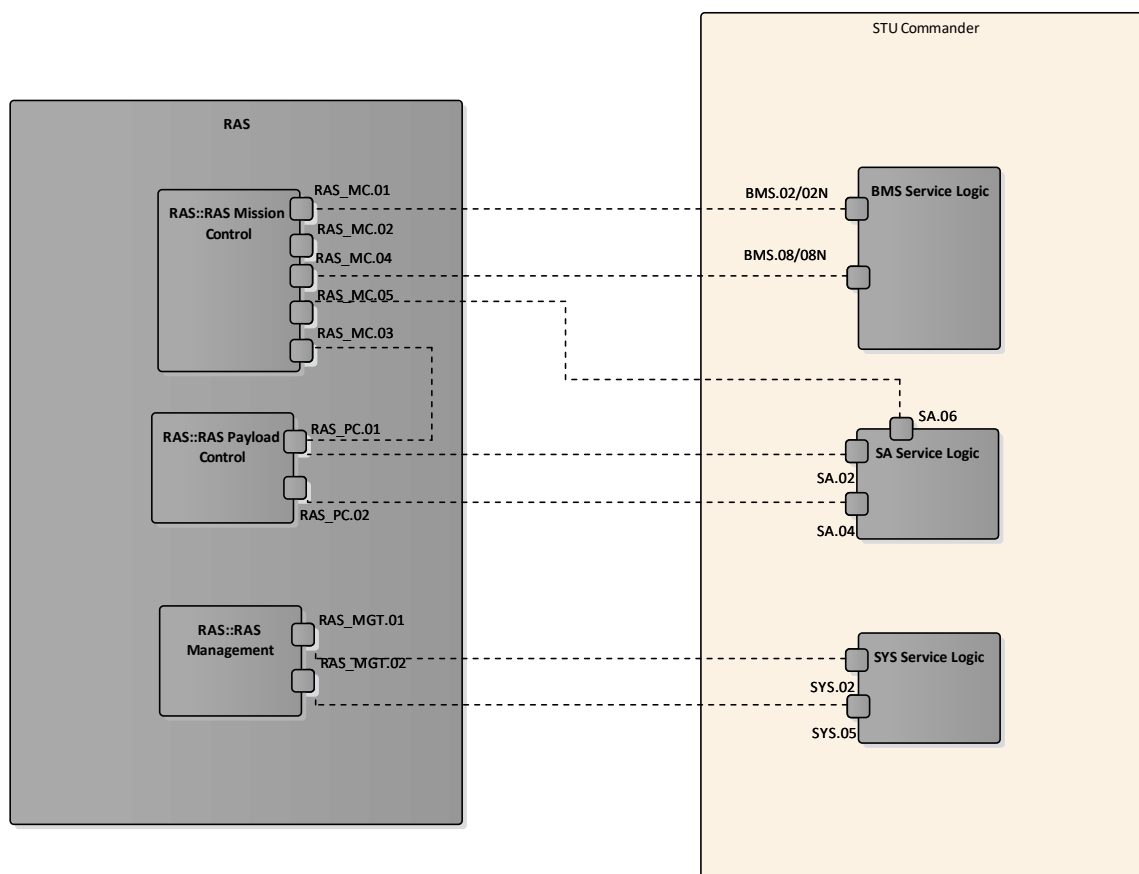


Figure 65: NSV-2 Human RAS Port Specification

1.1.3.4.9 NSV-1 Application Interface Description diagram

Class diagram in package 'Soldier Application'

NSV-1 Application Interface Description

Version 1.0

GOSSRA Consortium created on 20/09/2019. Last modified 29/07/2020

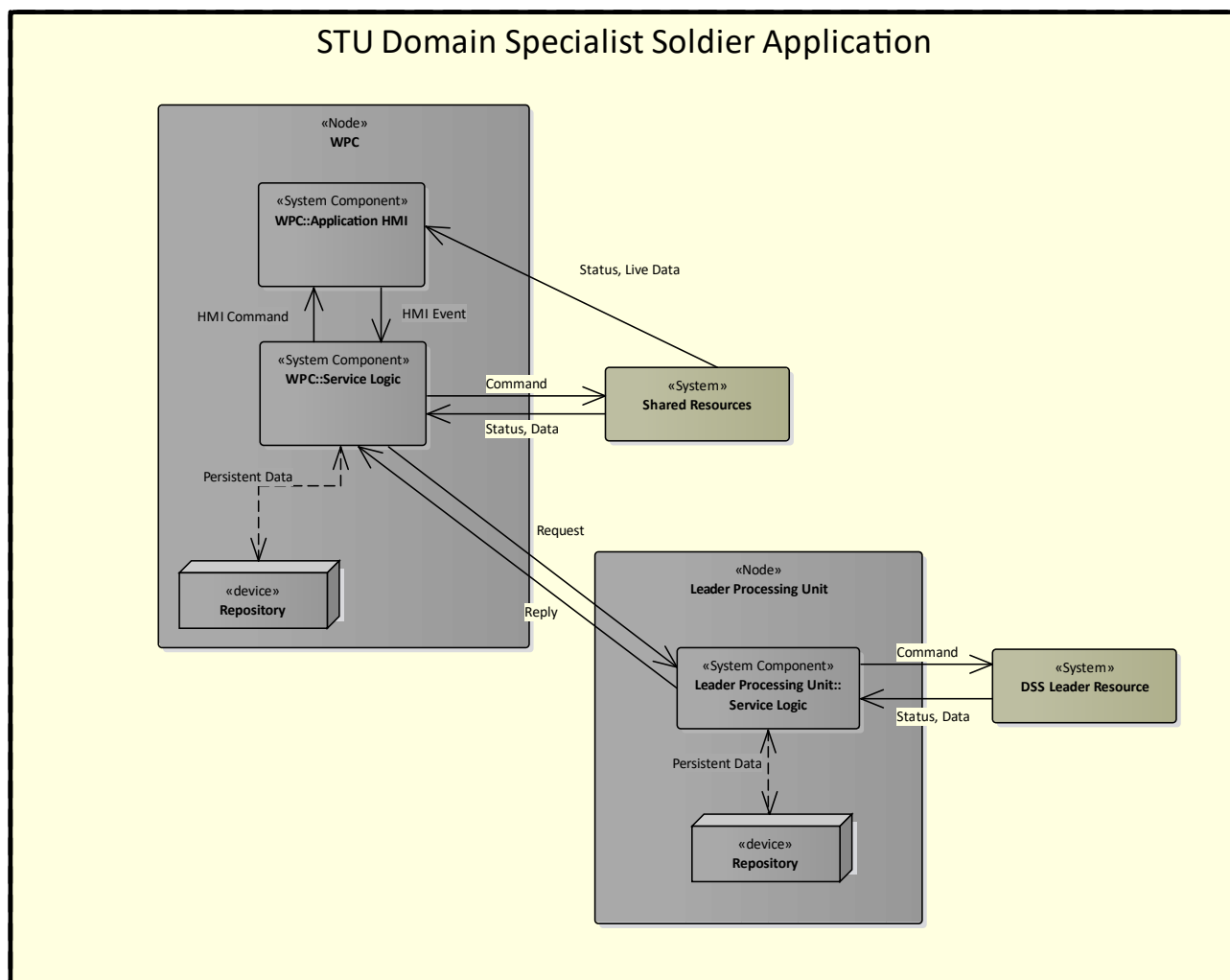


Figure 66: NSV-1 Application Interface Description

1.1.3.4.10 NSV-2 Application Port Specification diagram

SV-2 diagram in package 'Soldier Application'

NSV-2 Application Port Specification

Version 1.0

GOSSRA Consortium created on 14/11/2019. Last modified 29/07/2020

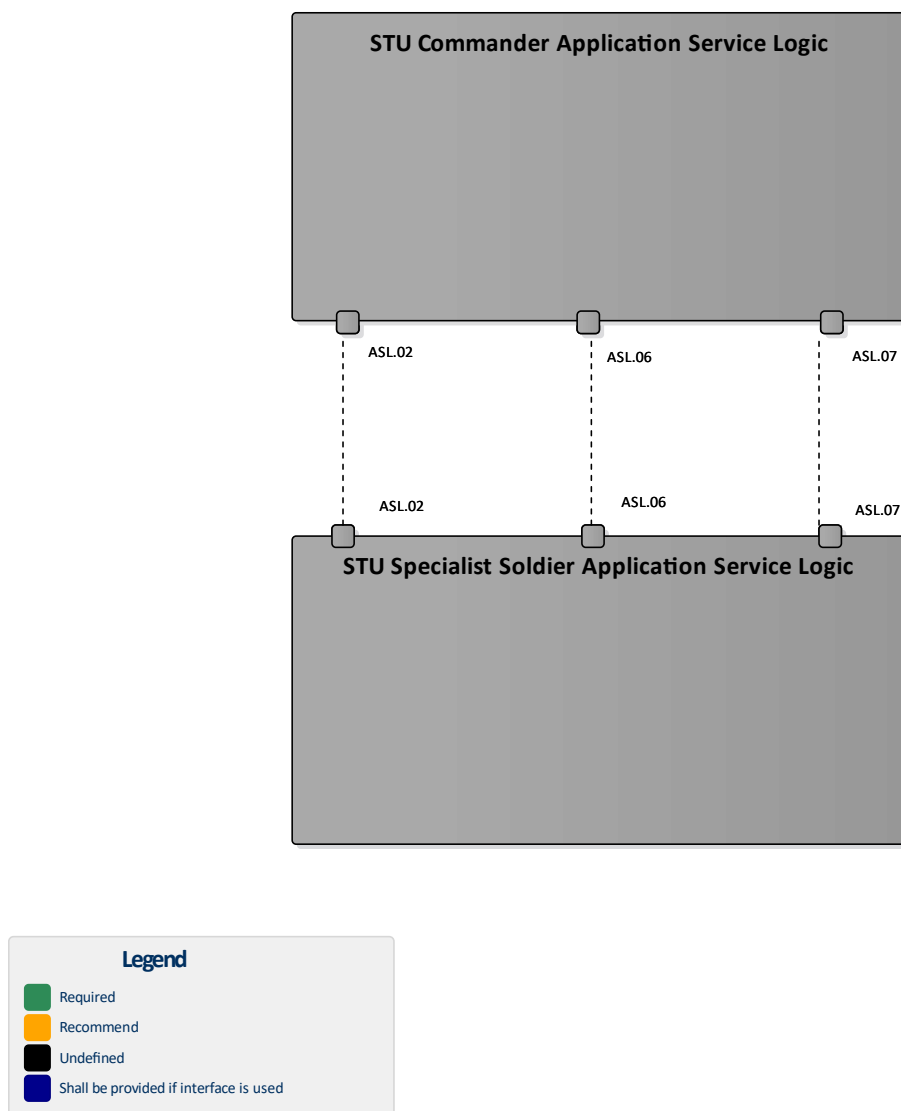


Figure 67: NSV-2 Application Port Specification

1.1.3.5 NSV-1 System Interface Description (Inter-Platform Domain) diagram

UPDM diagram in package 'NSV/Inter-Platform Domain'

NSV-1 System Interface Description (Inter-Platform Domain)

Version 1.0

GOSSRA Consortium created on 14/11/2019. Last modified 29/07/2020

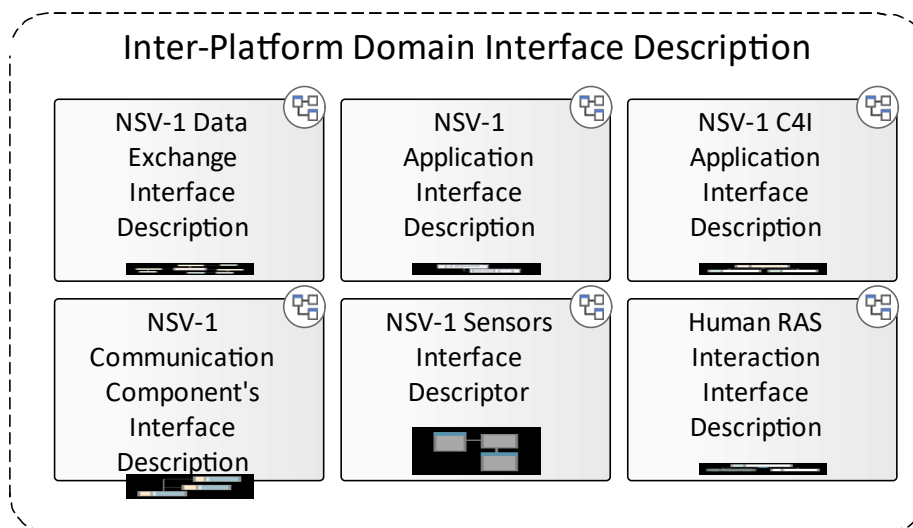


Figure 68: NSV-1 System Interface Description (Inter-Platform Domain)

1.1.3.6 NSV-2 System Communication Description (Inter-Platform Domain) diagram

UPDM diagram in package 'NSV/Inter-Platform Domain'

NSV-2 System Communication Description (Inter-Platform Domain)

Version 1.0

GOSSRA Consortium created on 14/11/2019. Last modified 29/07/2020

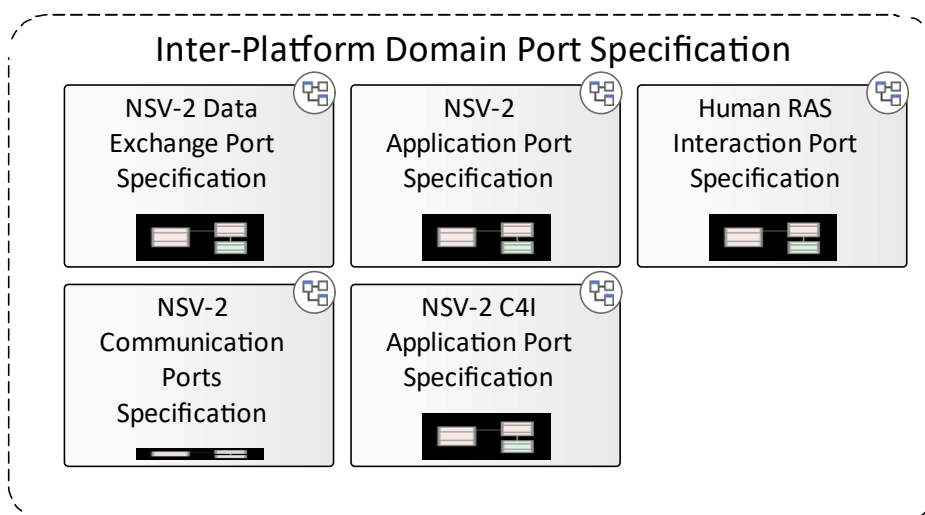


Figure 69: NSV-2 System Communication Description (Inter-Platform Domain)

1.1.3.6.1 NSV-1 C4I Application Interface Description diagram

Class diagram in package 'C4I Application'

NSV-1 C4I Application Interface Description

Version 1.0

GOSSRA Consortium created on 15/11/2019. Last modified 29/07/2020

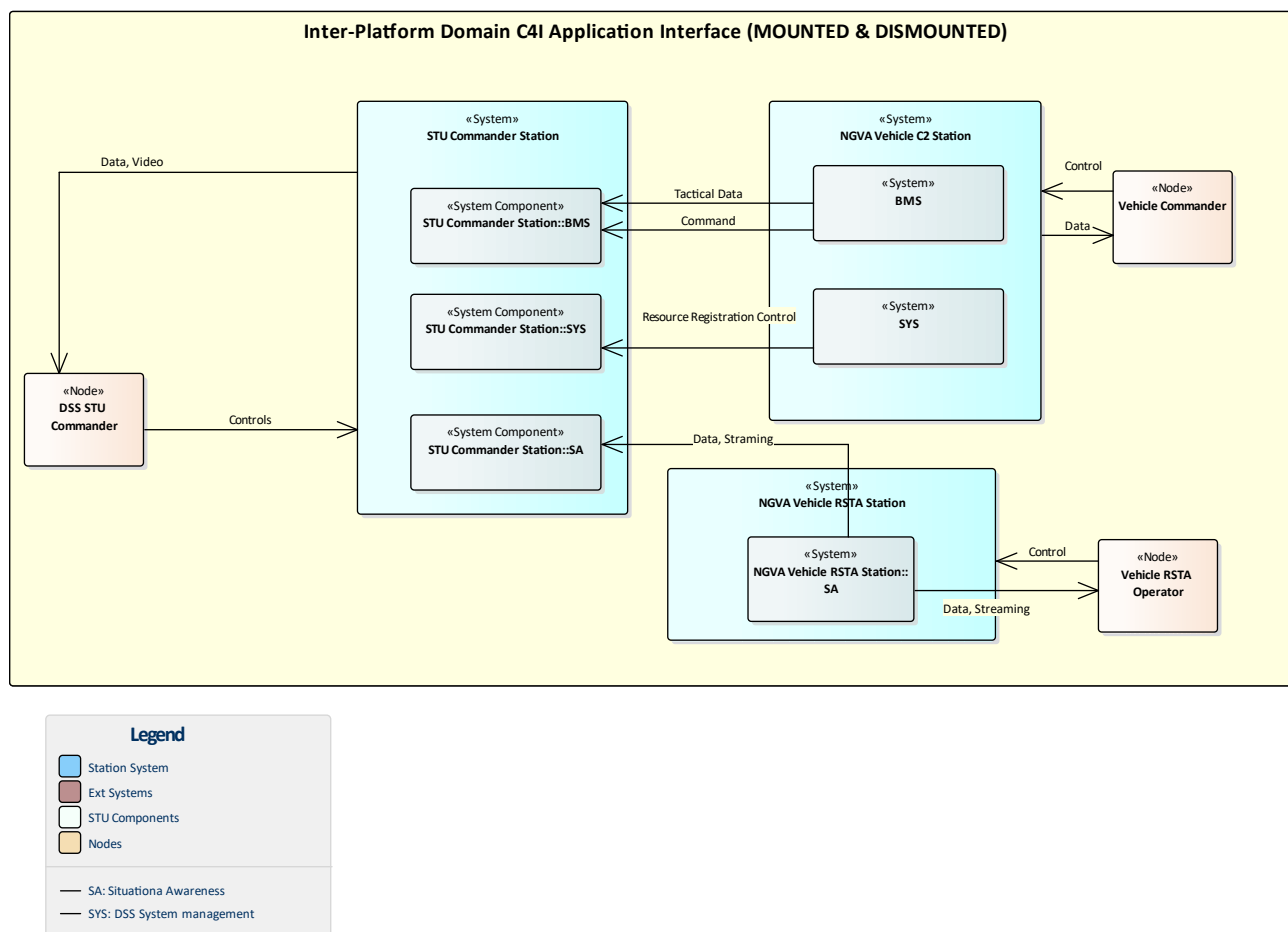


Figure 70: NSV-1 C4I Application Interface Description

1.1.3.6.2 NSV-2 C4I Application Port Specification diagram

SV-2 diagram in package 'C4I Application'

NSV-2 C4I Application Port Specification

Version 1.0

GOSSRA Consortium created on 15/11/2019. Last modified 29/07/2020

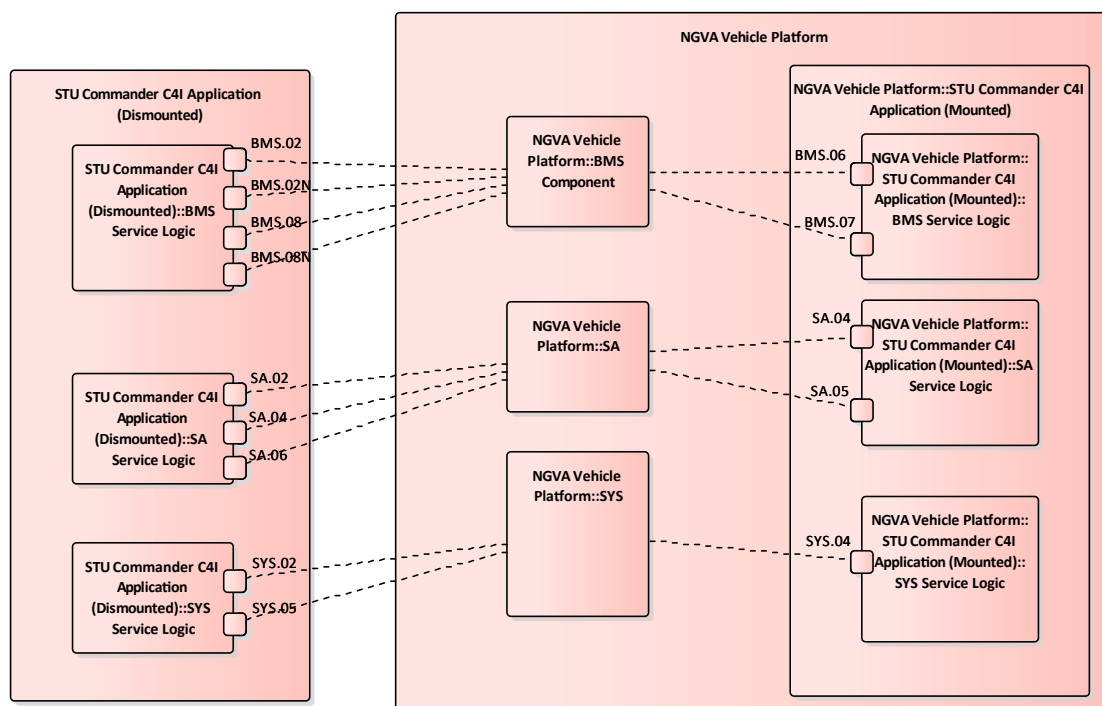


Figure 71: NSV-2 C4I Application Port Specification

1.1.3.6.3 NSV-1 Communication Component's Interface Description diagram

SV-1 diagram in package 'Communication Components'

NSV-1 Communication Component's Interface Description

Version 1.0

GOSSRA Consortium created on 15/11/2019. Last modified 29/07/2020

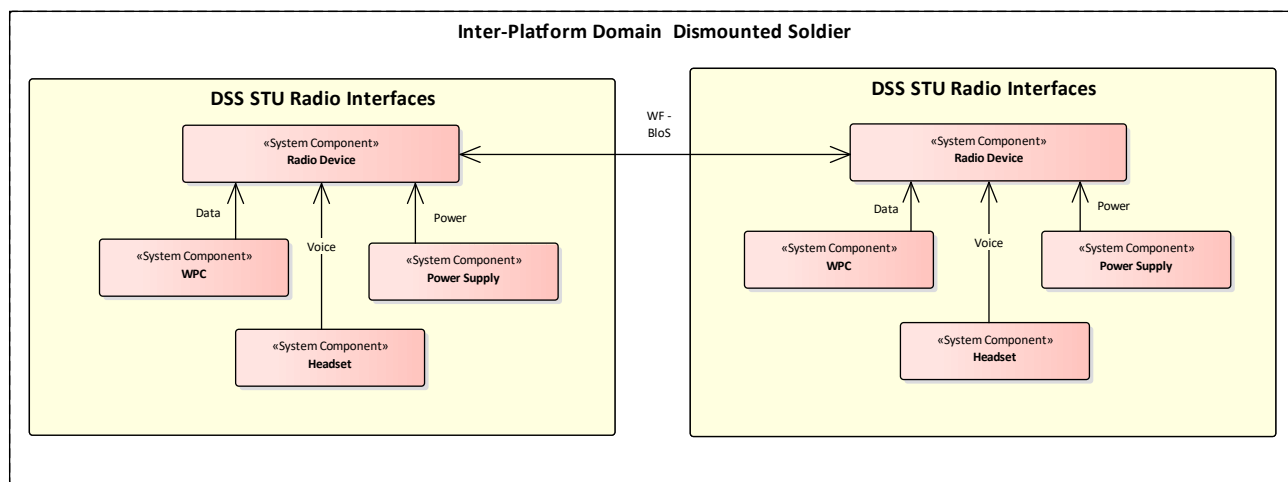


Figure 72: NSV-1 Communication Component's Interface Description

1.1.3.6.4 NSV-2 Communication Ports Specification diagram

SV-2 diagram in package 'Communication Components'

NSV-2 Communication Ports Specification

Version 1.0

GOSSRA Consortium created on 05/03/2020. Last modified 29/07/2020

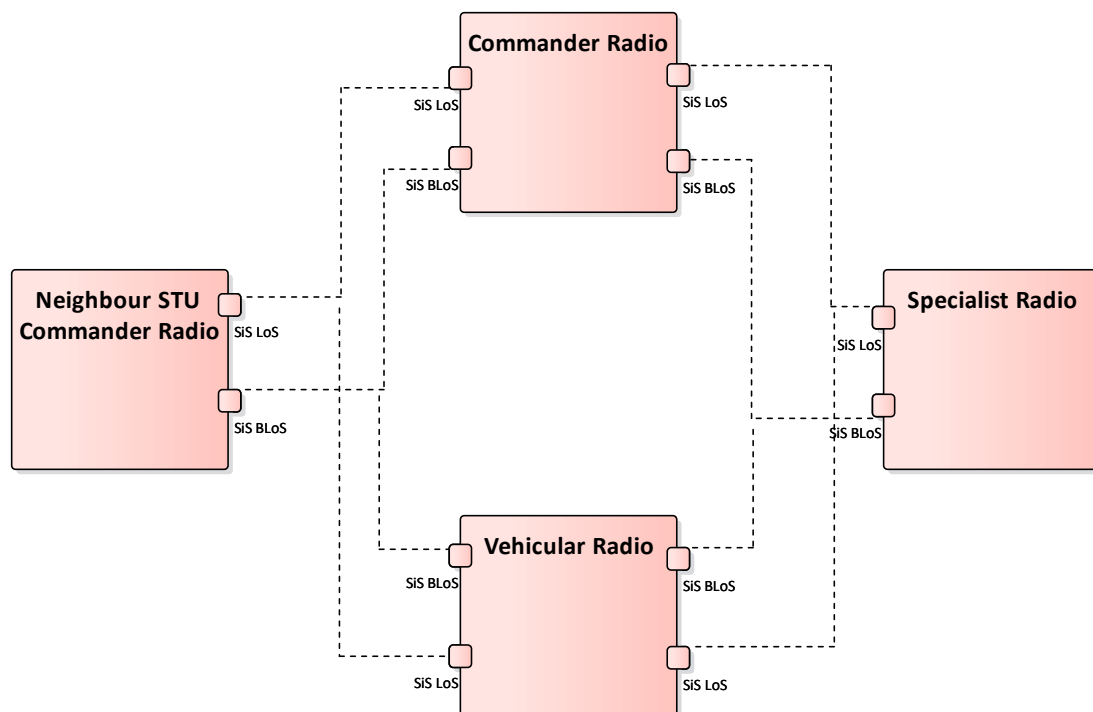


Figure 73: NSV-2 Communication Ports Specification

1.1.3.6.5 NSV-1 Data Exchange Interface Description diagram

SV-1 diagram in package 'Data Exchange Services'

NSV-1 Data Exchange Interface Description

Version 1.0

GOSSRA Consortium created on 14/11/2019. Last modified 29/07/2020

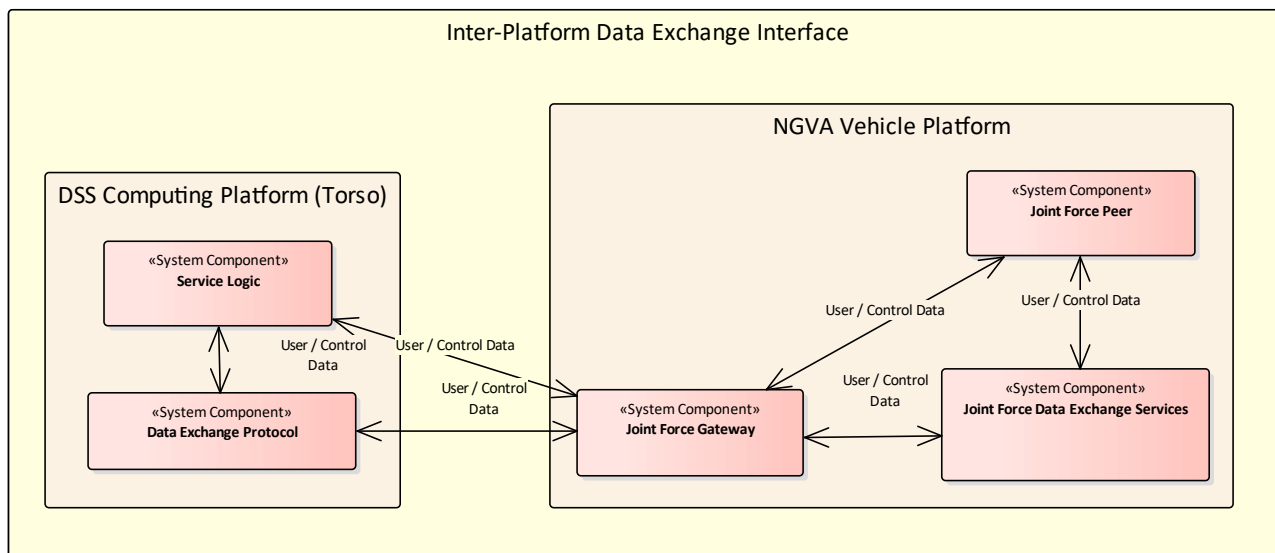


Figure 74: NSV-1 Data Exchange Interface Description

1.1.3.6.6 NSV-2 Data Exchange Port Specification diagram

SV-2 diagram in package 'Data Exchange Services'

NSV-2 Data Exchange Port Specification

Version 1.0

GOSSRA Consortium created on 14/11/2019. Last modified 29/07/2020

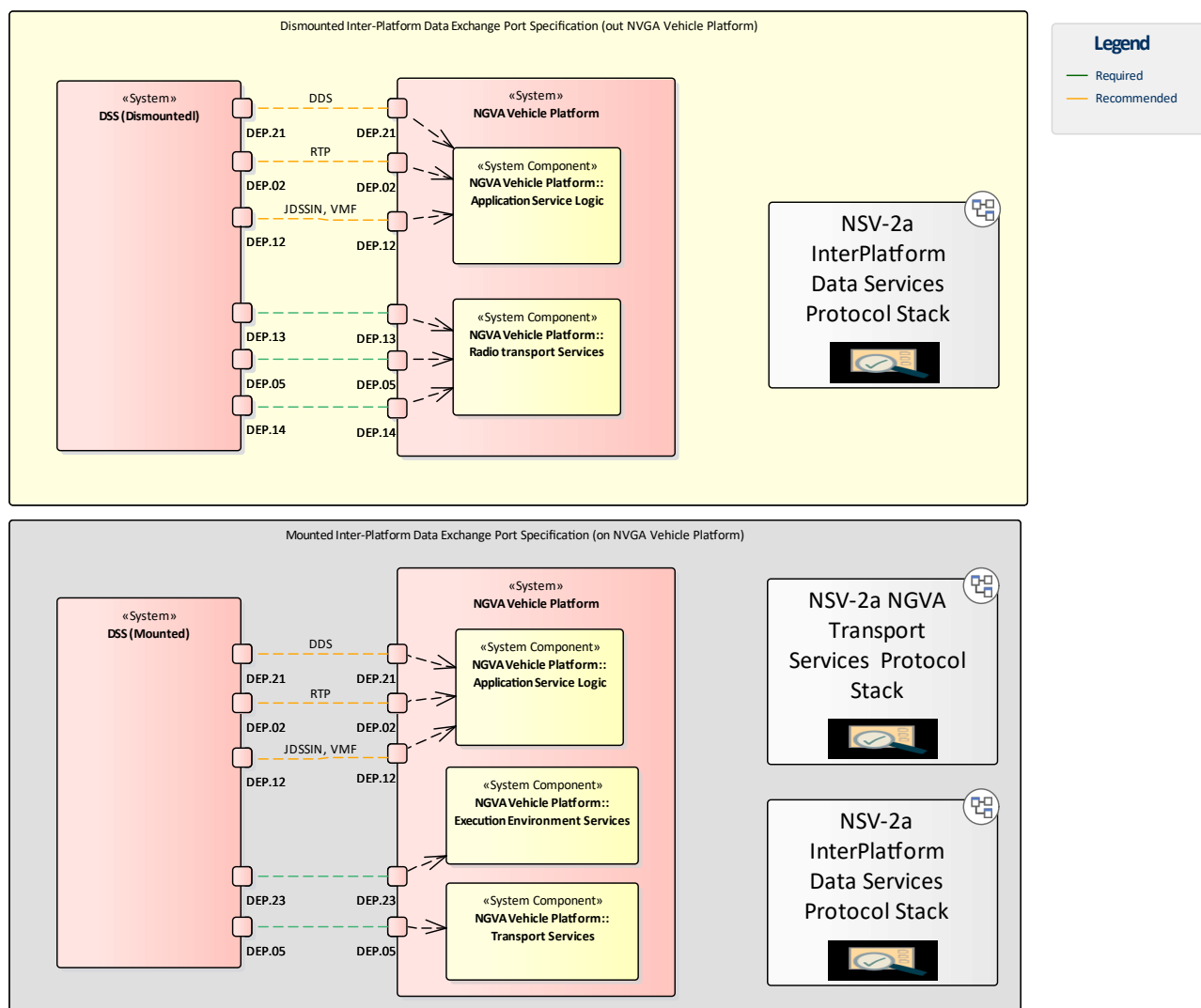


Figure 75: NSV-2 Data Exchange Port Specification

1.1.3.6.1.1 NSV-2a InterPlatform Data Services Protocol Stack diagram

SV-2 diagram in package 'Protocol Stack'

NSV-2a InterPlatform Data Services Protocol Stack

Version 1.0

GOSSRA Consortium created on 14/11/2019. Last modified 29/07/2020

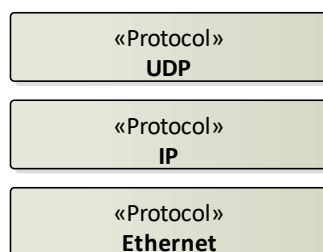


Figure 76: NSV-2a InterPlatform Data Services Protocol Stack

1.1.3.6.1.2 NSV-2a InterPlatform Data Services Protocol Stack diagram

SV-2 diagram in package 'Protocol Stack'

NSV-2a InterPlatform Data Services Protocol Stack

Version 1.0

GOSSRA Consortium created on 14/11/2019. Last modified 29/07/2020

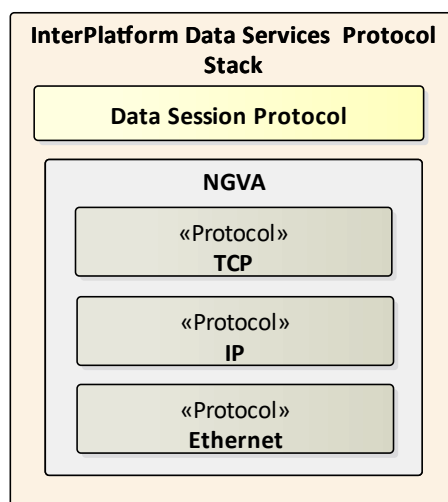


Figure 77: NSV-2a InterPlatform Data Services Protocol Stack

1.1.3.6.6.1.3 NSV-2a NGVA Transport Services Protocol Stack diagram

SV-2 diagram in package 'Protocol Stack'

NSV-2a NGVA Transport Services Protocol Stack

Version 1.0

GOSSRA Consortium created on 14/11/2019. Last modified 29/07/2020

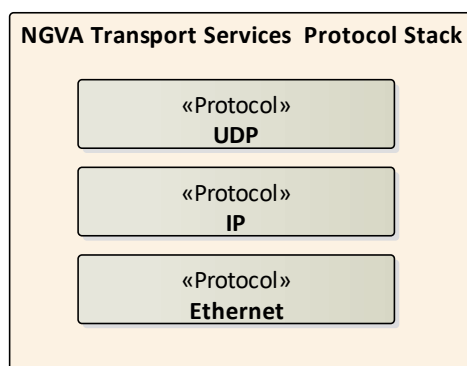


Figure 78: NSV-2a NGVA Transport Services Protocol Stack

1.1.3.6.6.1.4 NSV-2a STU Tactical Data Services Protocol Stack diagram

SV-2 diagram in package 'Protocol Stack'

NSV-2a STU Tactical Data Services Protocol Stack

Version 1.0

GOSSRA Consortium created on 14/11/2019. Last modified 29/07/2020

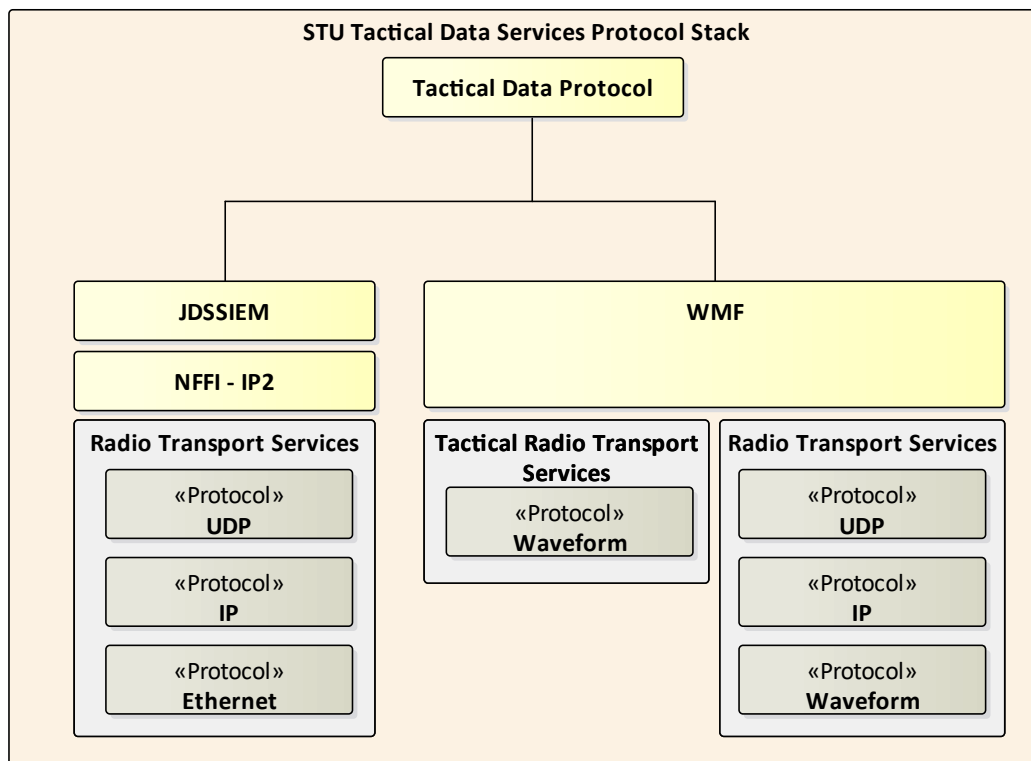


Figure 79: NSV-2a STU Tactical Data Services Protocol Stack

1.1.3.6.6.1.5 NSV-2a STU Tactical File transfer Services Protocol Stack diagram

SV-2 diagram in package 'Protocol Stack'

NSV-2a STU Tactical File transfer Services Protocol Stack

Version 1.0

GOSSRA Consortium created on 14/11/2019. Last modified 29/07/2020

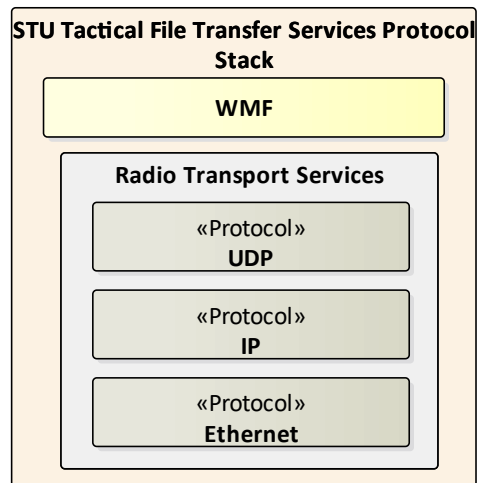


Figure 80: NSV-2a STU Tactical File transfer Services Protocol Stack

1.1.3.6.7 Human RAS Interaction Interface Description diagram

SV-1 diagram in package 'Human RAS Interaction'

Human RAS Interaction Interface Description

Version 1.0

GOSSRA Consortium created on 26/03/2020. Last modified 29/07/2020

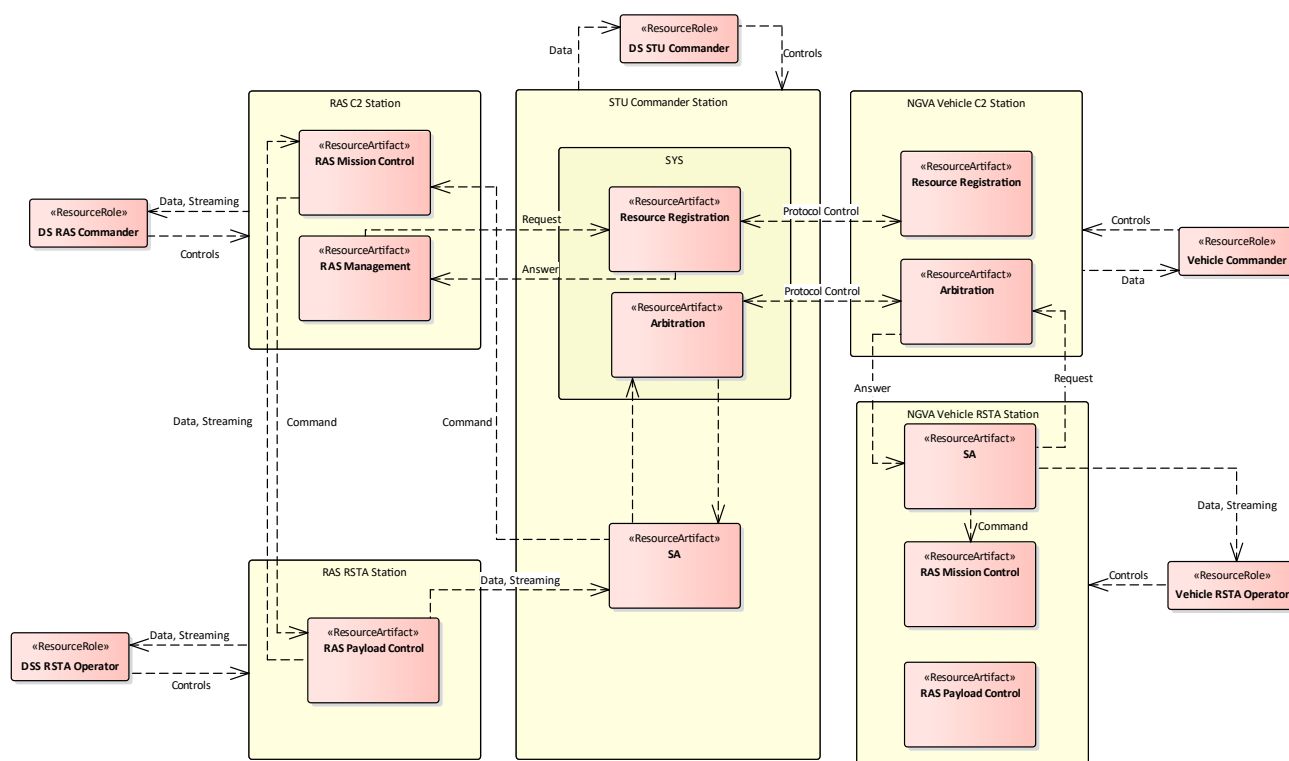


Figure 81: Human RAS Interaction Interface Description

1.1.3.6.8 Human RAS Interaction Port Specification diagram

SV-2 diagram in package 'Human RAS Interaction'

Human RAS Interaction Port Specification

Version 1.0

GOSSRA Consortium created on 26/03/2020. Last modified 29/07/2020

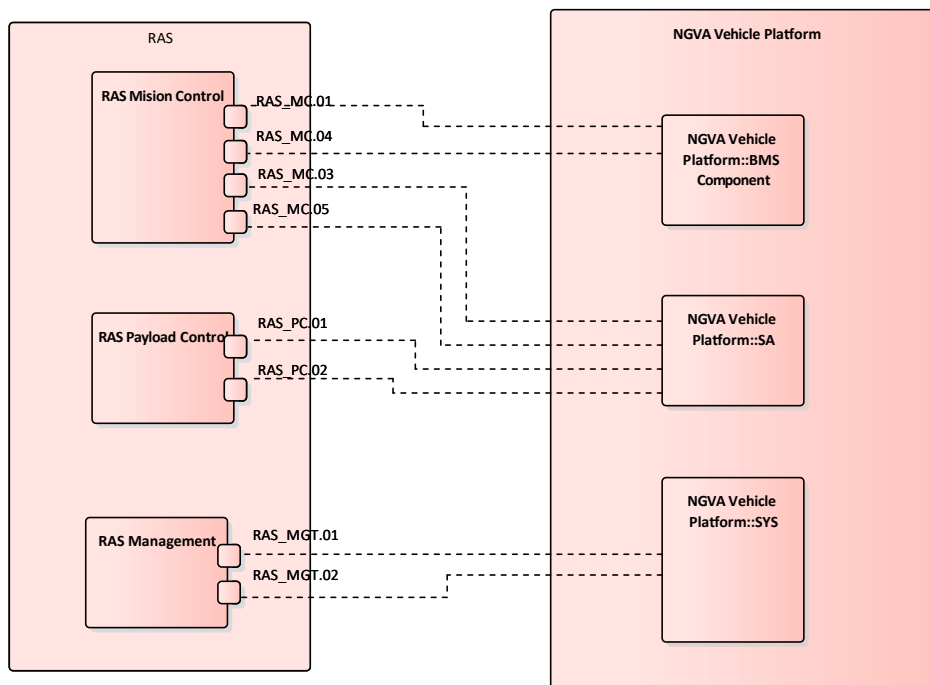


Figure 82: Human RAS Interaction Port Specification

1.1.3.6.9 NSV-1 Sensors Interface Descriptor diagram

SV-1 diagram in package 'Sensors'

NSV-1 Sensors Interface Descriptor

Version 1.0

GOSSRA Consortium created on 15/11/2019. Last modified 29/07/2020

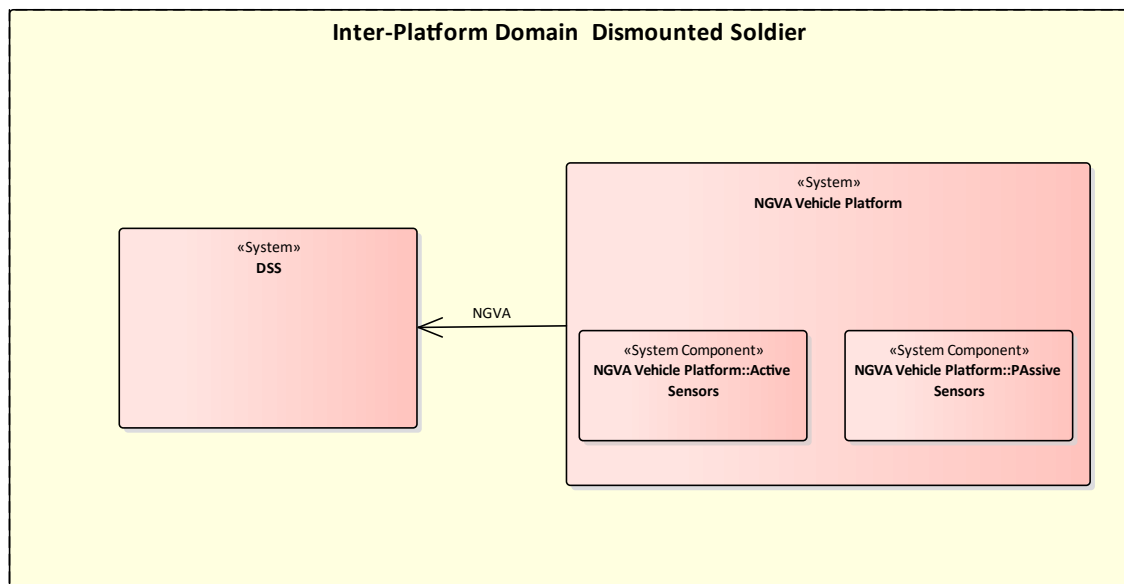


Figure 83: NSV-1 Sensors Interface Descriptor

1.1.3.6.10 NSV-1 Application Interface Description diagram

SV-1 diagram in package 'Soldier Application'

NSV-1 Application Interface Description

Version 1.0

GOSSRA Consortium created on 14/11/2019. Last modified 29/07/2020

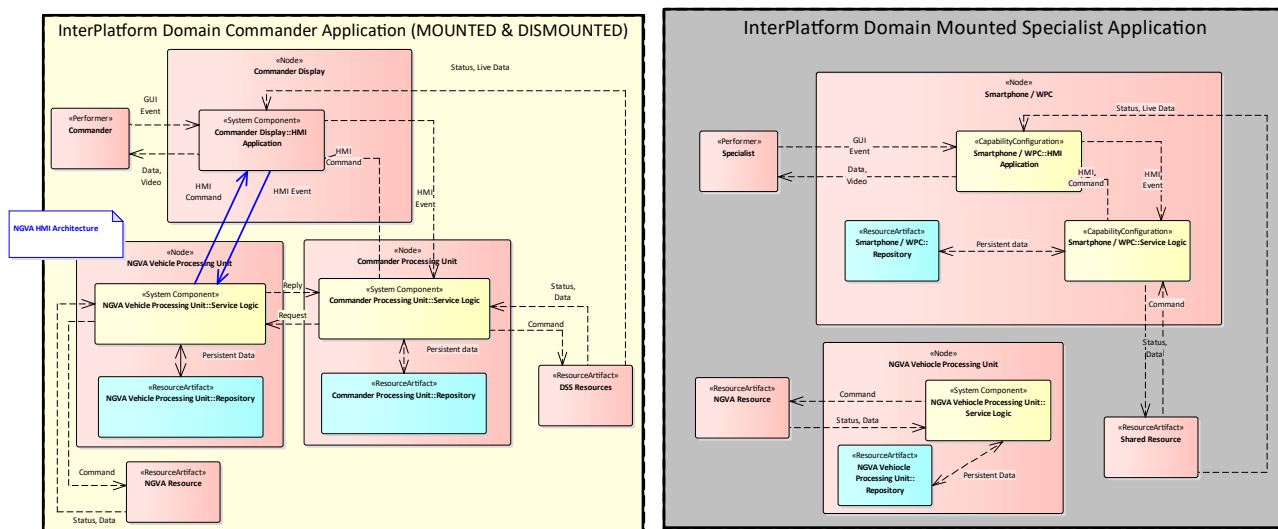


Figure 84: NSV-1 Application Interface Description

1.1.3.6.11 NSV-2 Application Port Specification diagram

SV-2 diagram in package 'Soldier Application'

NSV-2 Application Port Specification

Version 1.0

GOSSRA Consortium created on 14/11/2019. Last modified 29/07/2020

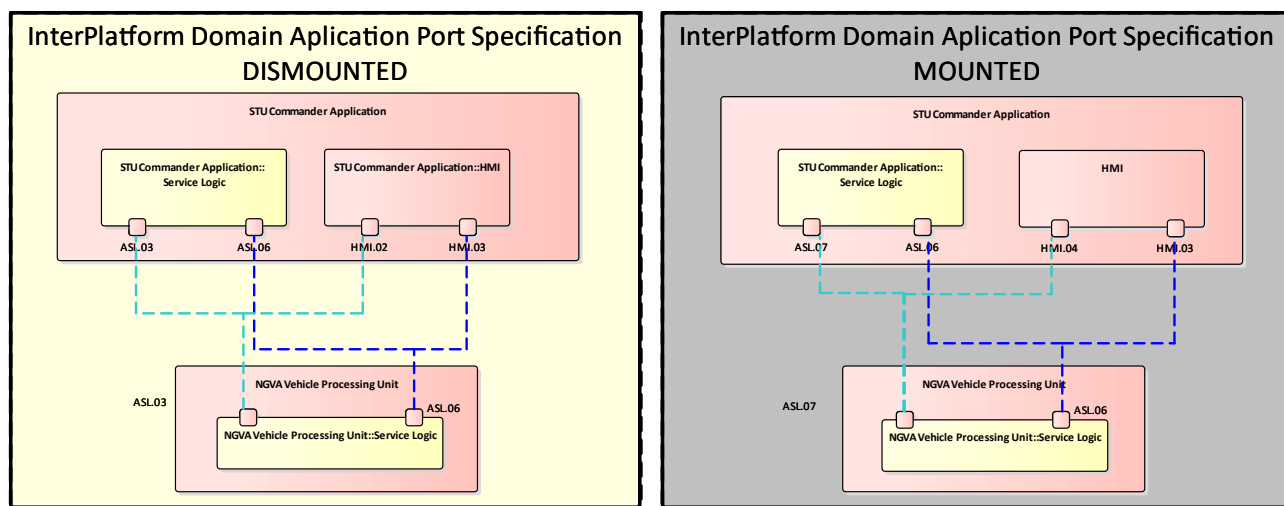


Figure 85: NSV-2 Application Port Specification

1.1.3.7 NSV-1 System Interface Description (Joint Domain) diagram

UPDM diagram in package 'NSV/Joint Domain'

NSV-1 System Interface Description (Joint Domain)

Version 1.0

GOSSRA Consortium created on 15/11/2019. Last modified 29/07/2020

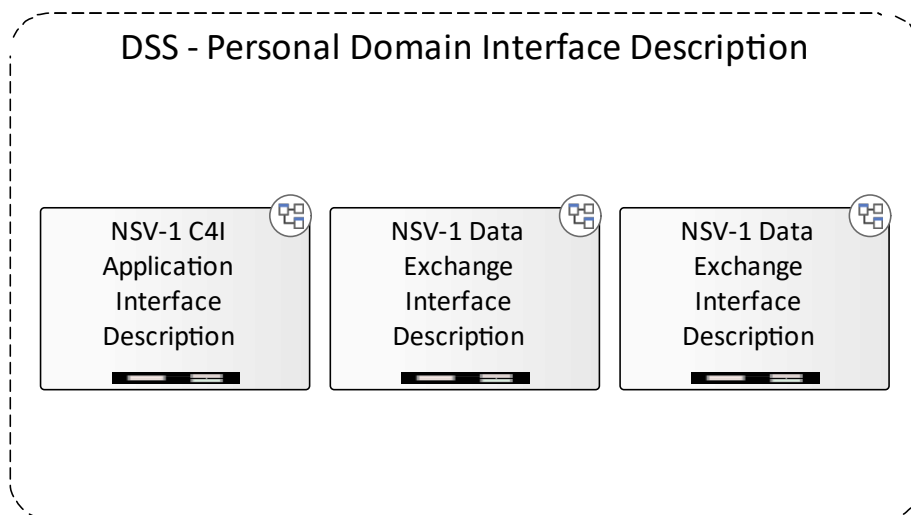


Figure 86: NSV-1 System Interface Description (Joint Domain)

1.1.3.8 NSV-2 System Communication Description (Joint Domain) diagram

UPDM diagram in package 'NSV/Joint Domain'

NSV-2 System Communication Description (Joint Domain)

Version 1.0

GOSSRA Consortium created on 15/11/2019. Last modified 29/07/2020

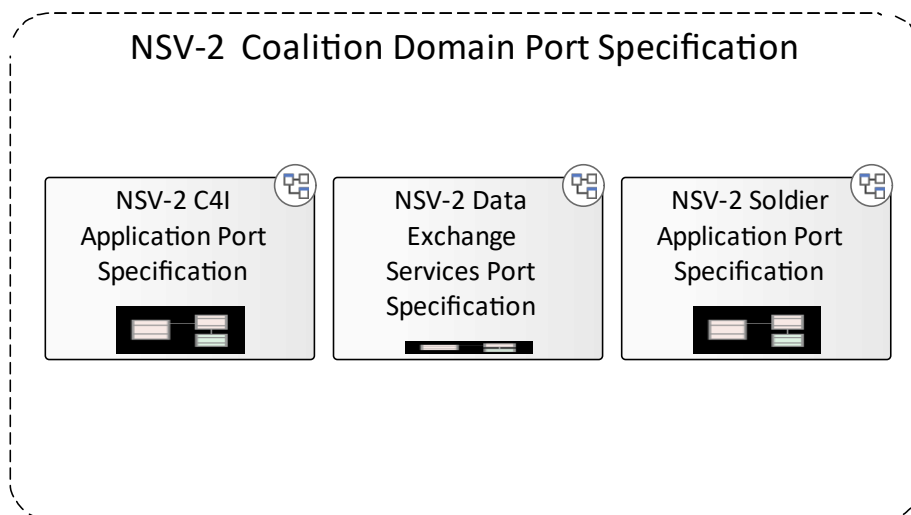


Figure 87: NSV-2 System Communication Description (Joint Domain)

1.1.3.8.1 NSV-1 C4I Application Interface Description diagram

SV-1 diagram in package 'C4I Application'

NSV-1 C4I Application Interface Description

Version 1.0

GOSSRA Consortium created on 15/11/2019. Last modified 29/07/2020

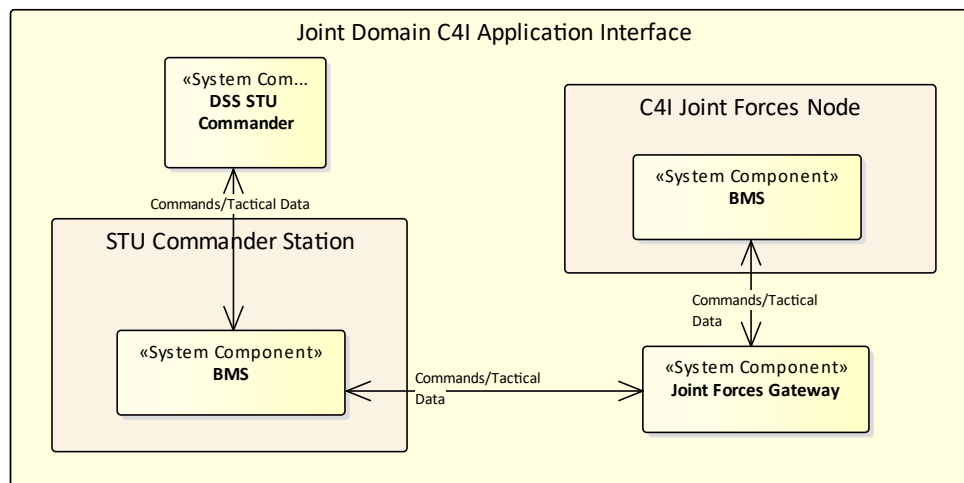


Figure 88: NSV-1 C4I Application Interface Description

1.1.3.8.2 NSV-2 C4I Application Port Specification diagram

SV-2 diagram in package 'C4I Application'

NSV-2 C4I Application Port Specification

Version 1.0

GOSSRA Consortium created on 15/11/2019. Last modified 29/07/2020

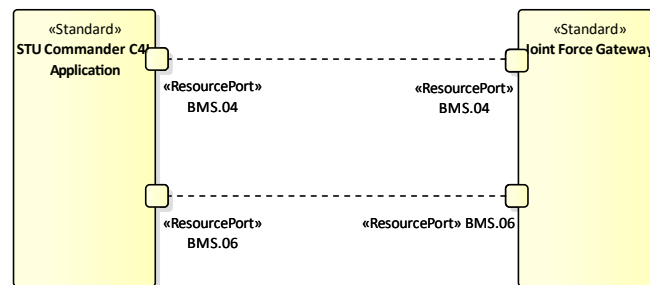


Figure 89: NSV-2 C4I Application Port Specification

1.1.3.8.3 NSV-1 Data Exchange Interface Description diagram

SV-1 diagram in package 'Data Exchange Services'

NSV-1 Data Exchange Interface Description

Version 1.0

GOSSRA Consortium created on 15/11/2019. Last modified 29/07/2020

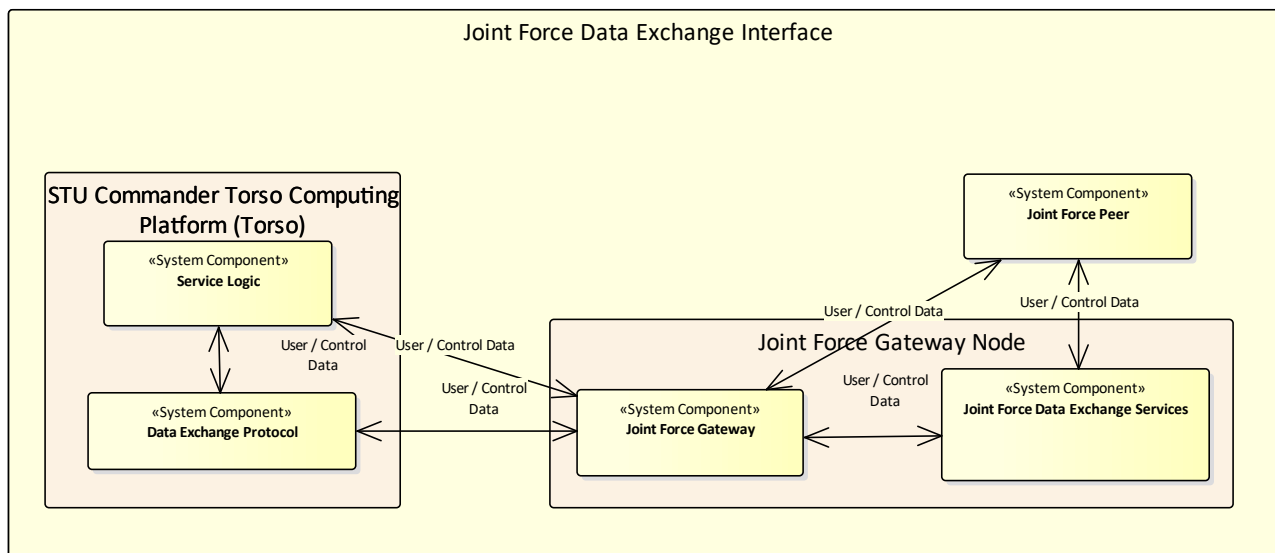


Figure 90: NSV-1 Data Exchange Interface Description

1.1.3.8.4 NSV-2 Data Exchange Services Port Specification diagram

SV-2 diagram in package 'Data Exchange Services'

NSV-2 Data Exchange Services Port Specification

Version 1.0

GOSSRA Consortium created on 15/11/2019. Last modified 29/07/2020

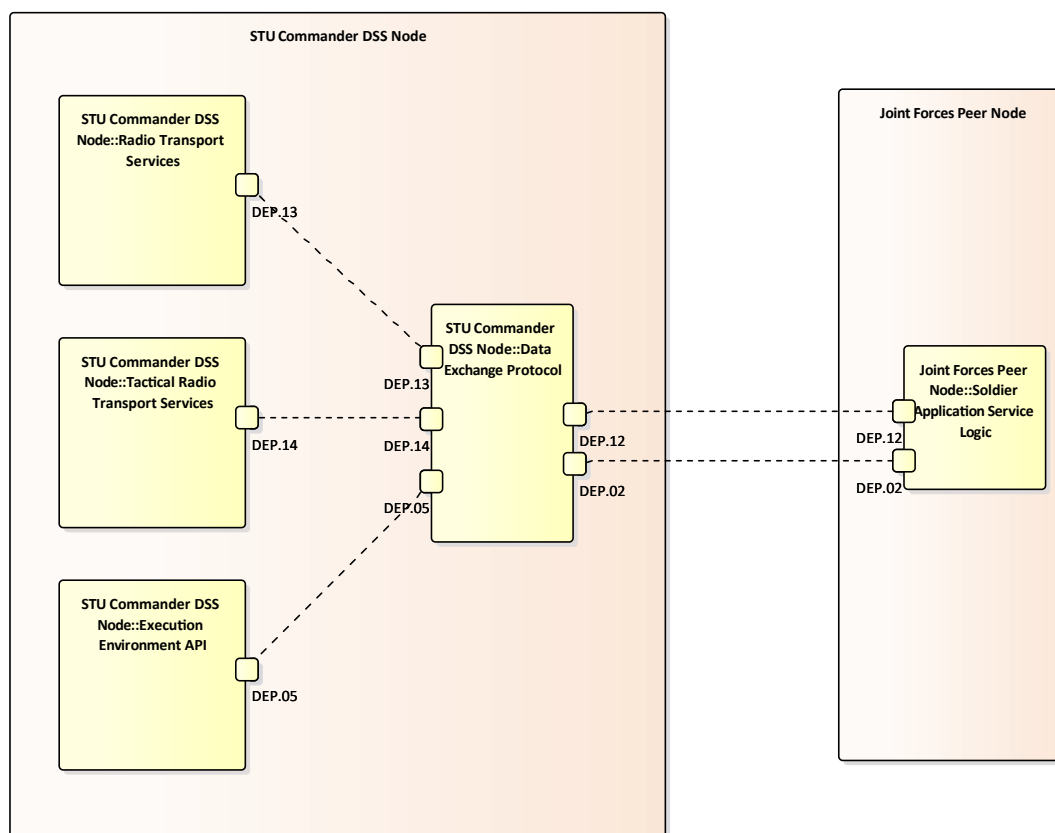


Figure 91: NSV-2 Data Exchange Services Port Specification

1.1.3.8.5 NSV-1 Data Exchange Interface Description diagram

SV-1 diagram in package 'Soldier Application'

NSV-1 Data Exchange Interface Description

Version 1.0

GOSSRA Consortium created on 15/11/2019. Last modified 29/07/2020

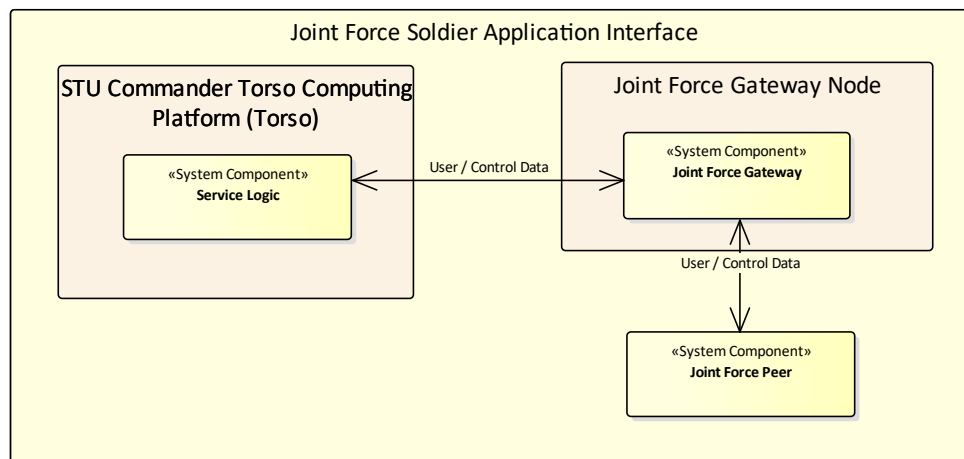


Figure 92: NSV-1 Data Exchange Interface Description

1.1.3.8.6 NSV-2 Soldier Application Port Specification diagram

SV-2 diagram in package 'Soldier Application'

NSV-2 Soldier Application Port Specification

Version 1.0

GOSSRA Consortium created on 15/11/2019. Last modified 29/07/2020

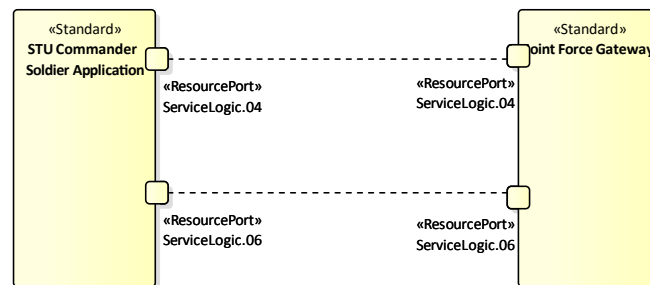


Figure 93: NSV-2 Soldier Application Port Specification

1.1.3.9 NSV-1 System Interface Description (Coalition Domain) diagram

UPDM diagram in package 'NSV/Coalition Domain'

NSV-1 System Interface Description (Coalition Domain)

Version 1.0

GOSSRA Consortium created on 15/11/2019. Last modified 29/07/2020

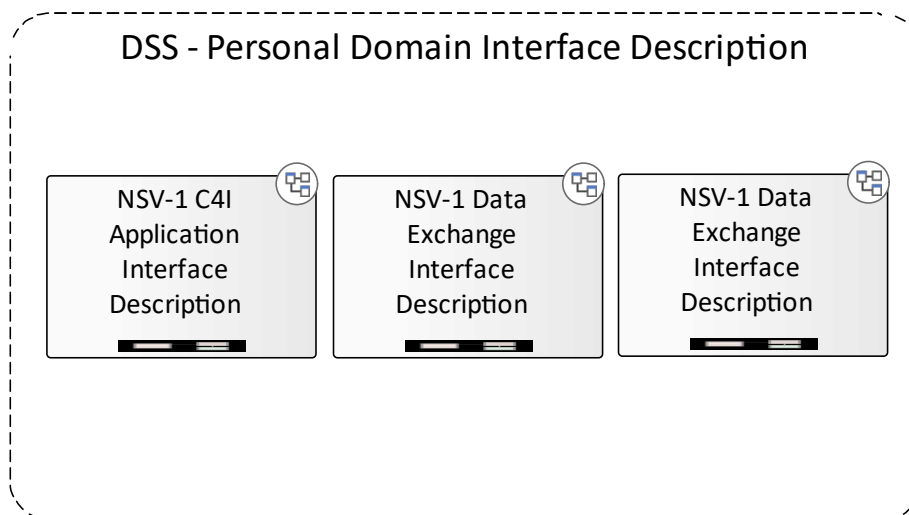


Figure 94: NSV-1 System Interface Description (Coalition Domain)

1.1.3.10 NSV-2 System Communication Description (Coalition Domain) diagram

UPDM diagram in package 'NSV/Coalition Domain'

NSV-2 System Communication Description (Coalition Domain)

Version 1.0

GOSSRA Consortium created on 15/11/2019. Last modified 29/07/2020

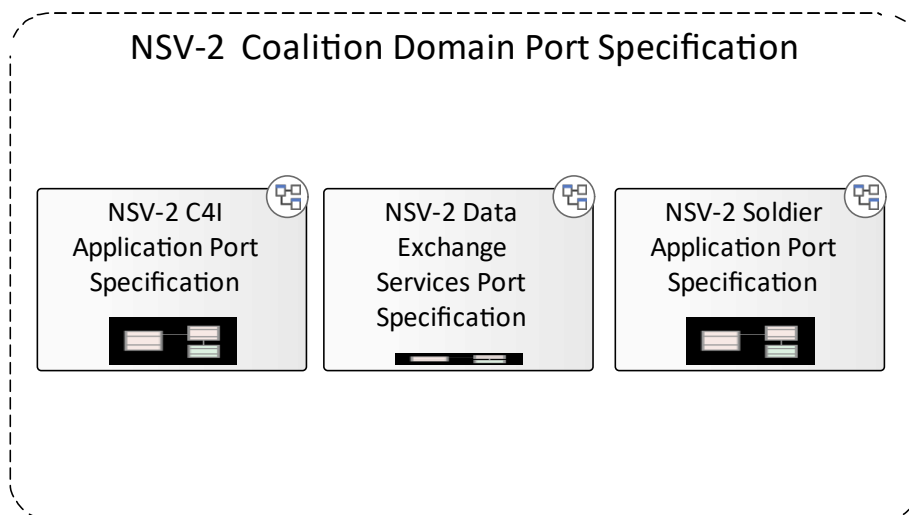


Figure 95: NSV-2 System Communication Description (Coalition Domain)

1.1.3.10.1 NSV-1 C4I Application Interface Description diagram

SV-1 diagram in package 'C4I Application'

NSV-1 C4I Application Interface Description

Version 1.0

GOSSRA Consortium created on 15/11/2019. Last modified 29/07/2020

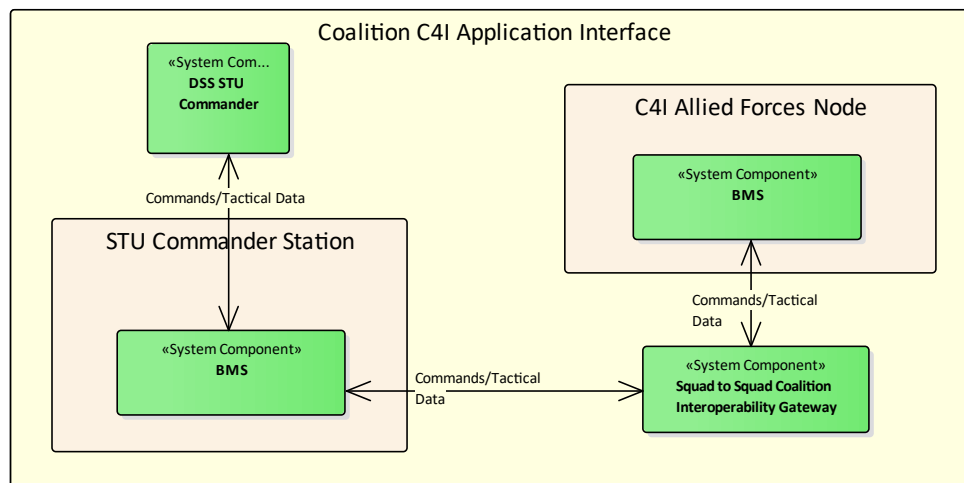


Figure 96: NSV-1 C4I Application Interface Description

1.1.3.10.2 NSV-2 C4I Application Port Specification diagram

SV-2 diagram in package 'C4I Application'

NSV-2 C4I Application Port Specification

Version 1.0

GOSSRA Consortium created on 15/11/2019. Last modified 29/07/2020

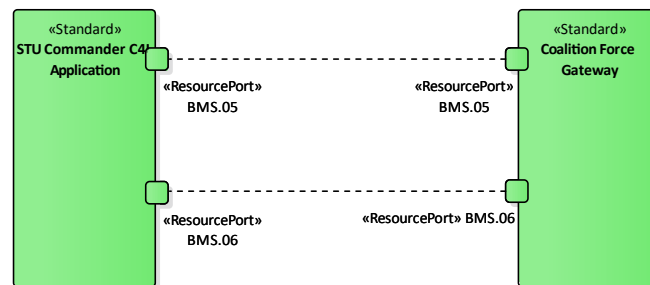


Figure 97: NSV-2 C4I Application Port Specification

1.1.3.10.3 NSV-1 Data Exchange Interface Description diagram

SV-1 diagram in package 'Data Exchange Services'

NSV-1 Data Exchange Interface Description

Version 1.0

GOSSRA Consortium created on 15/11/2019. Last modified 29/07/2020

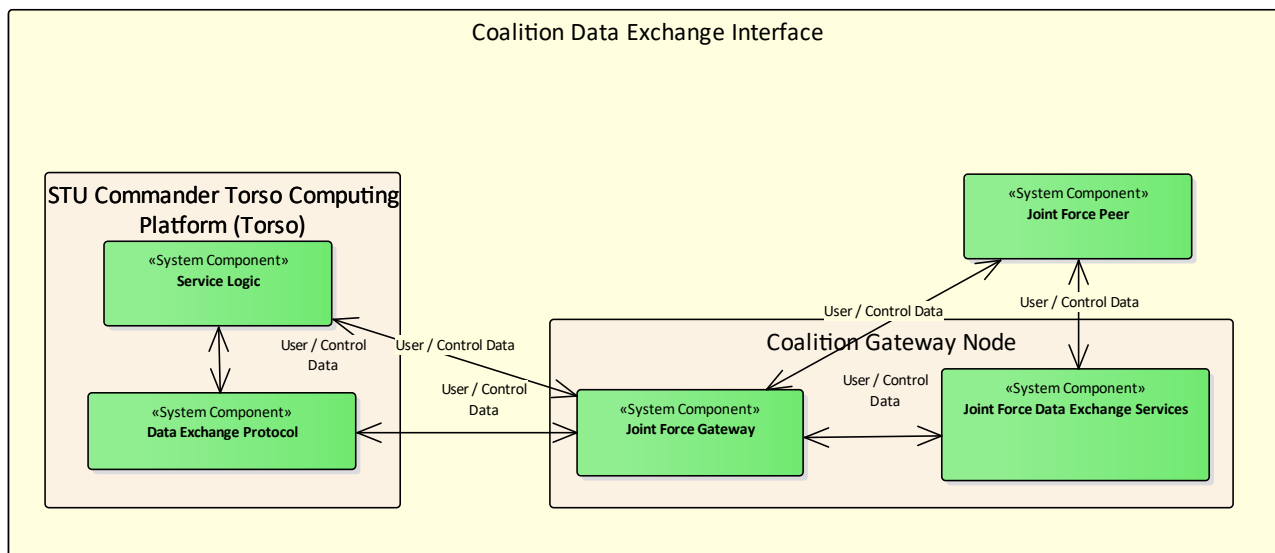


Figure 98: NSV-1 Data Exchange Interface Description

1.1.3.10.4 NSV-2 Data Exchange Services Port Specification diagram

SV-2 diagram in package 'Data Exchange Services'

NSV-2 Data Exchange Services Port Specification

Version 1.0

GOSSRA Consortium created on 15/11/2019. Last modified 29/07/2020

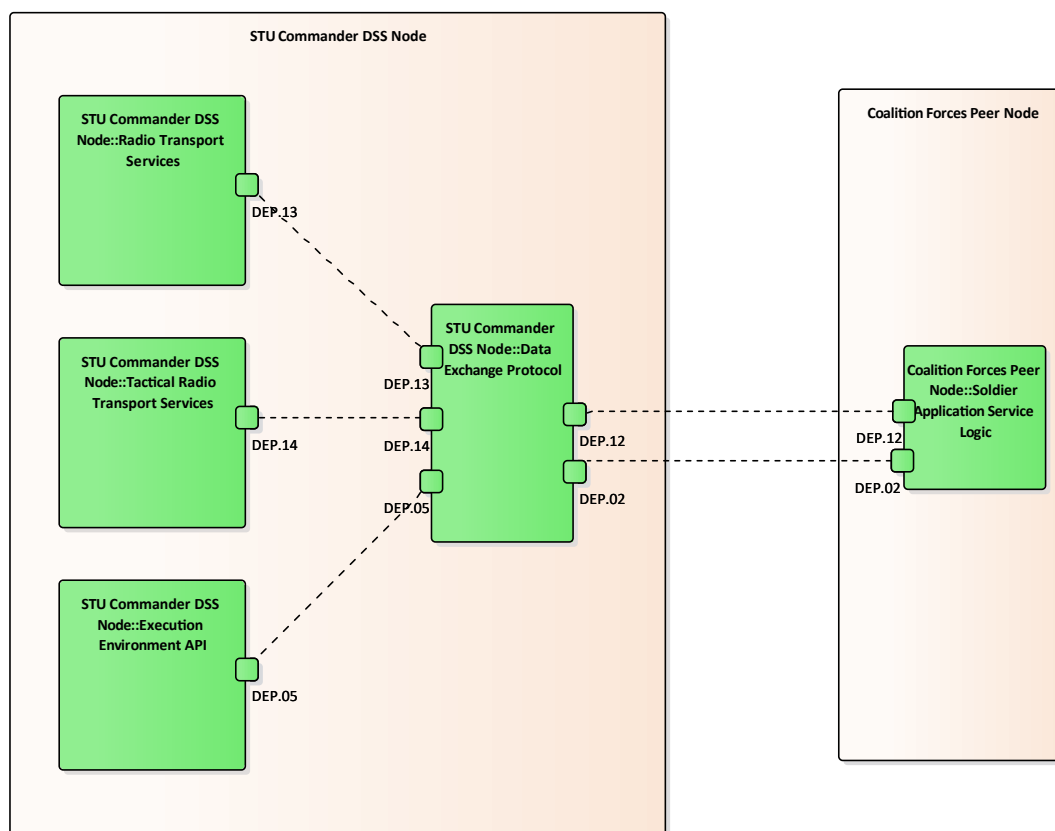


Figure 99: NSV-2 Data Exchange Services Port Specification

1.1.3.10.5 NSV-1 Data Exchange Interface Description diagram

SV-1 diagram in package 'Soldier Application'

NSV-1 Data Exchange Interface Description

Version 1.0

GOSSRA Consortium created on 15/11/2019. Last modified 29/07/2020

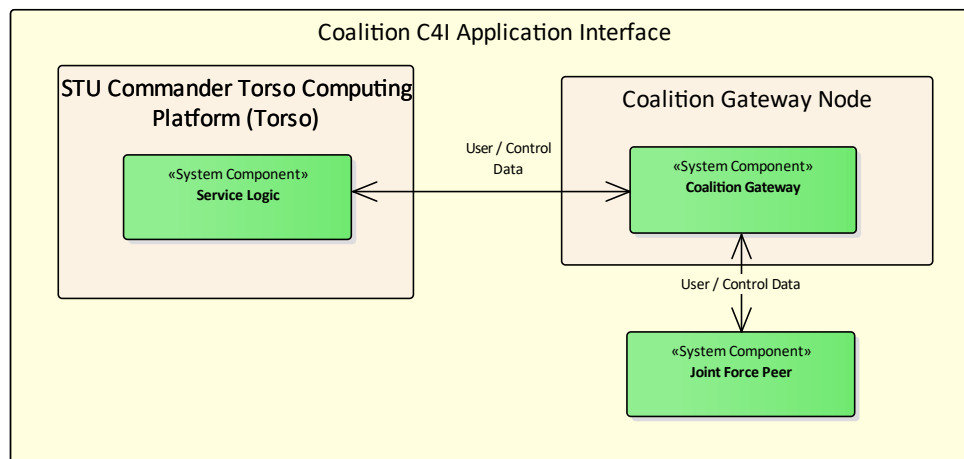


Figure 100: NSV-1 Data Exchange Interface Description

1.1.3.10.6 NSV-2 Soldier Application Port Specification diagram

SV-2 diagram in package 'Soldier Application'

NSV-2 Soldier Application Port Specification

Version 1.0

GOSSRA Consortium created on 15/11/2019. Last modified 29/07/2020

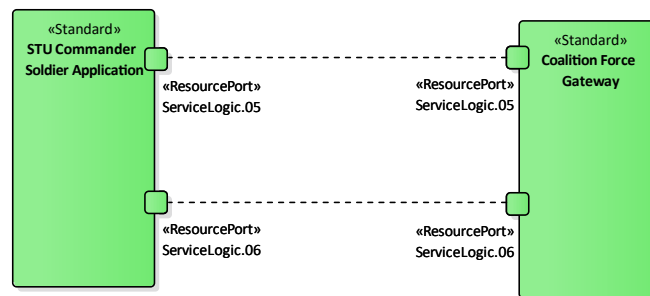


Figure 101: NSV-2 Soldier Application Port Specification

1.1.3.11 Service Definitions diagram

OV-3 diagram in package 'NSOV-2 Service Definitions'

Service Definitions
Version 1.0

GOSSRA Consortium created on 08/11/2019. Last modified 29/07/2020

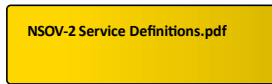


Figure 102: Service Definitions

1.1.3.12 Service Taxonomy diagram

SOV-1 diagram in package 'NSOV-1 Service Taxonomy'

Service Taxonomy
Version 1.0

GOSSRA Consortium created on 08/11/2019. Last modified 29/07/2020

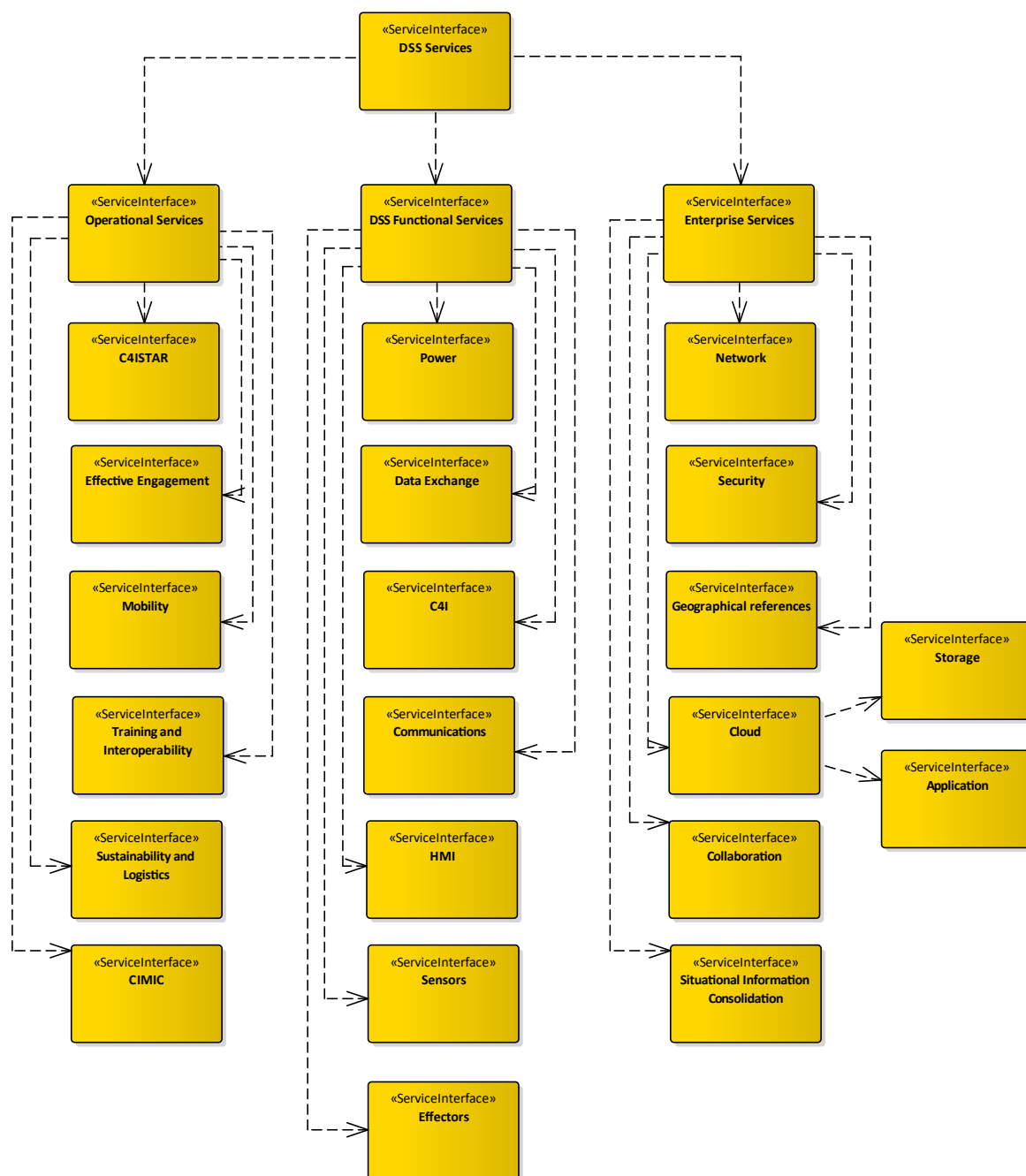


Figure 103: Service Taxonomy

1.1.3.12.1 C4I Services Taxonomy diagram

SOV-1 diagram in package 'Functional Services Taxonomy'

C4I Services Taxonomy

Version 1.0

GOSSRA Consortium created on 08/11/2019. Last modified 29/07/2020

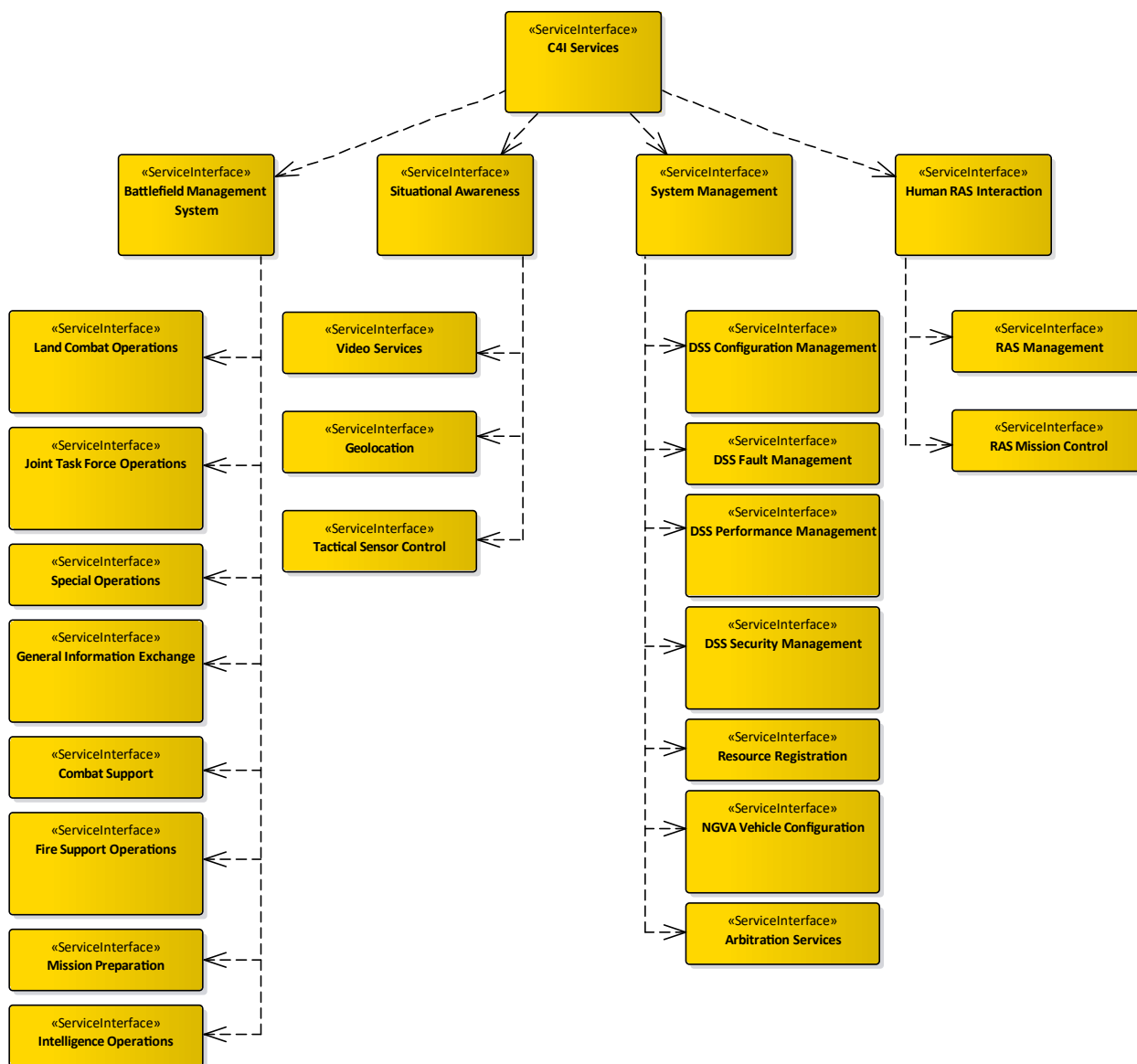


Figure 104: C4I Services Taxonomy

1.1.3.12.2 Communication Services Taxonomy diagram

SOV-1 diagram in package 'Functional Services Taxonomy'

Communication Services Taxonomy

Version 1.0

GOSSRA Consortium created on 08/11/2019. Last modified 29/07/2020

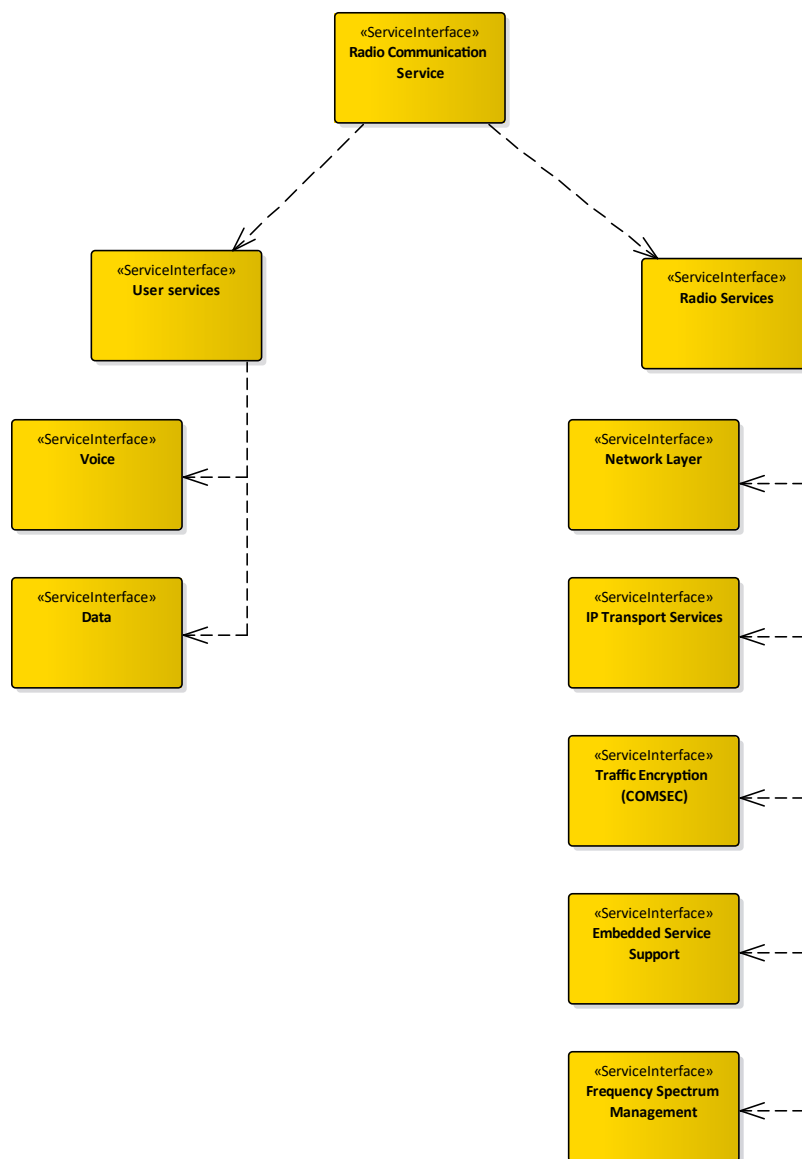


Figure 105: Communication Services Taxonomy

1.1.3.12.3 Data Exchange Services Taxonomy diagram

SOV-1 diagram in package 'Functional Services Taxonomy'

Data Exchange Services Taxonomy

Version 1.0

GOSSRA Consortium created on 08/11/2019. Last modified 29/07/2020

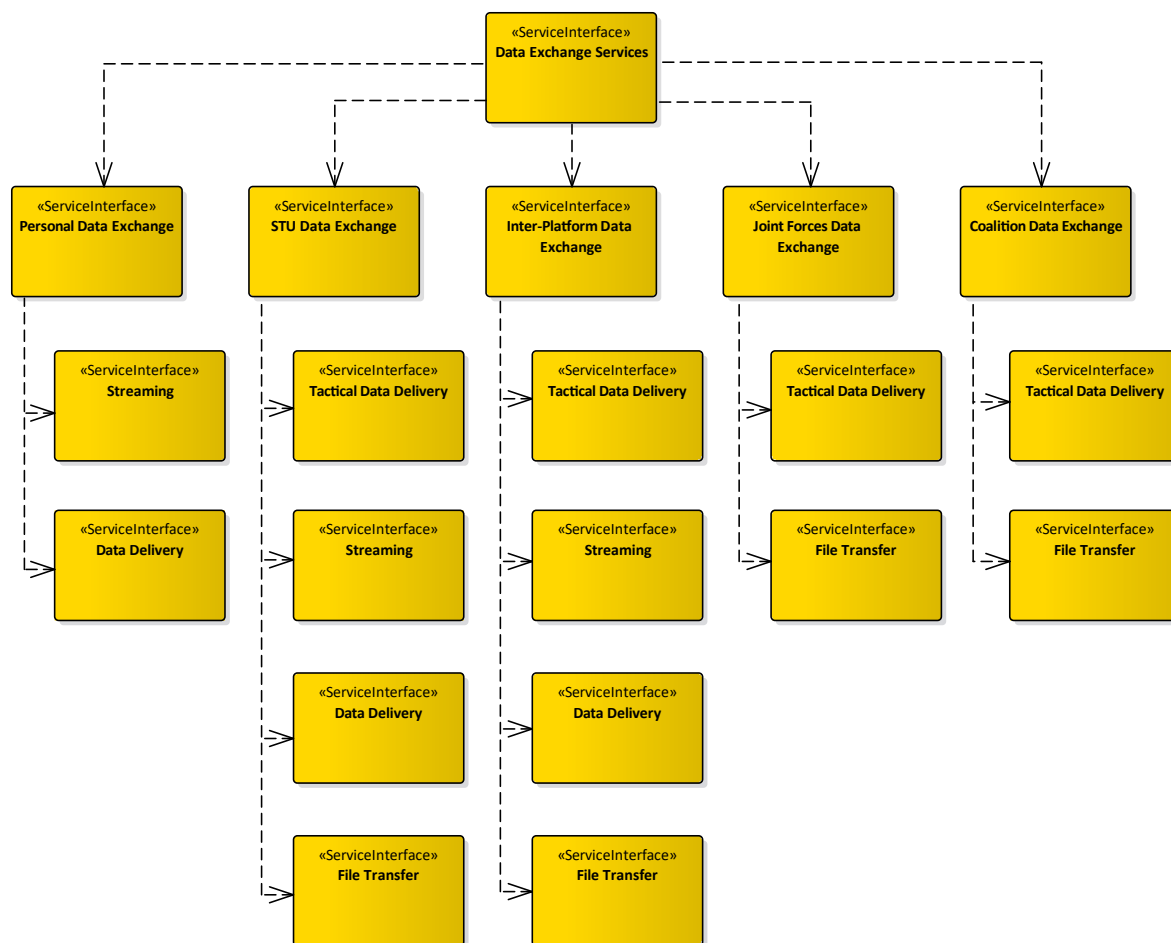


Figure 106: Data Exchange Services Taxonomy

1.1.3.12.4 Effector Services Taxonomy diagram

SOV-1 diagram in package 'Functional Services Taxonomy'

Effector Services Taxonomy

Version 1.0

GOSSRA Consortium created on 08/11/2019. Last modified 29/07/2020

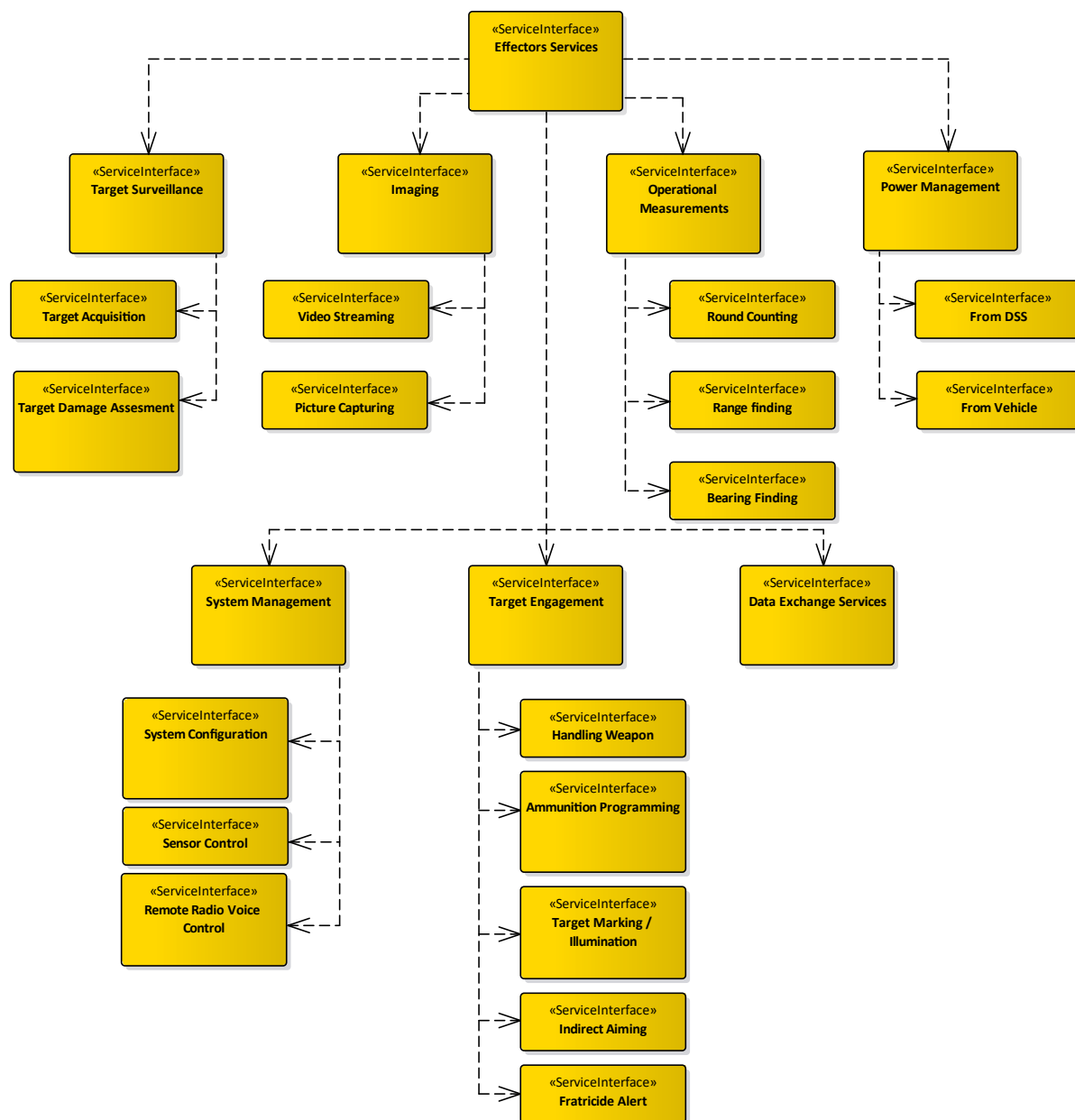


Figure 107: Effector Services Taxonomy

1.1.3.12.5 Human Interface Device Services Taxonomy diagram

SOV-1 diagram in package 'Functional Services Taxonomy'

Human Interface Device Services Taxonomy

Version 1.0

GOSSRA Consortium created on 08/11/2019. Last modified 29/07/2020

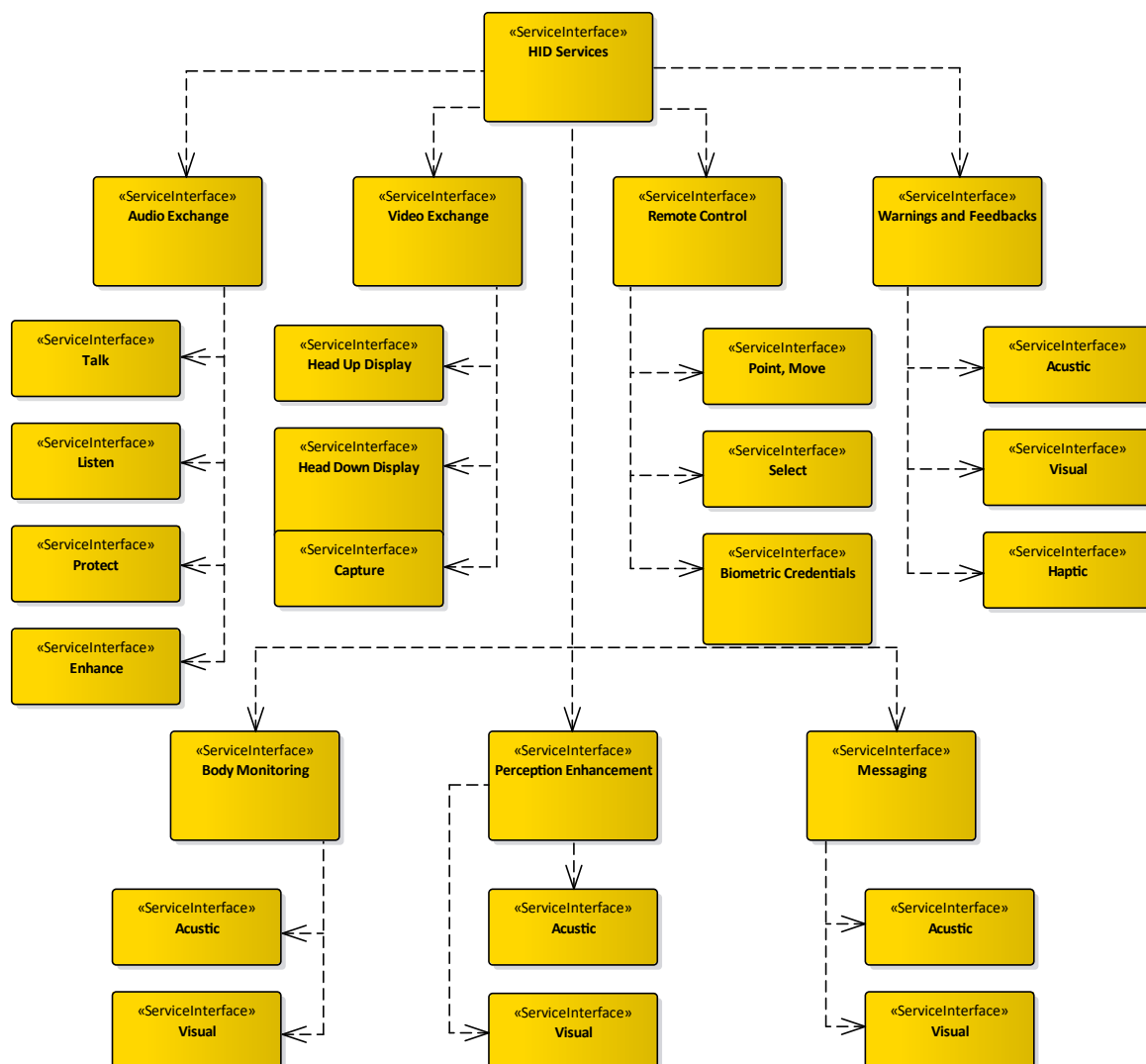


Figure 108: Human Interface Device Services Taxonomy

1.1.3.12.6 Power Services Taxonomy diagram

SOV-1 diagram in package 'Functional Services Taxonomy'

Power Services Taxonomy

Version 1.0

GOSSRA Consortium created on 08/11/2019. Last modified 29/07/2020

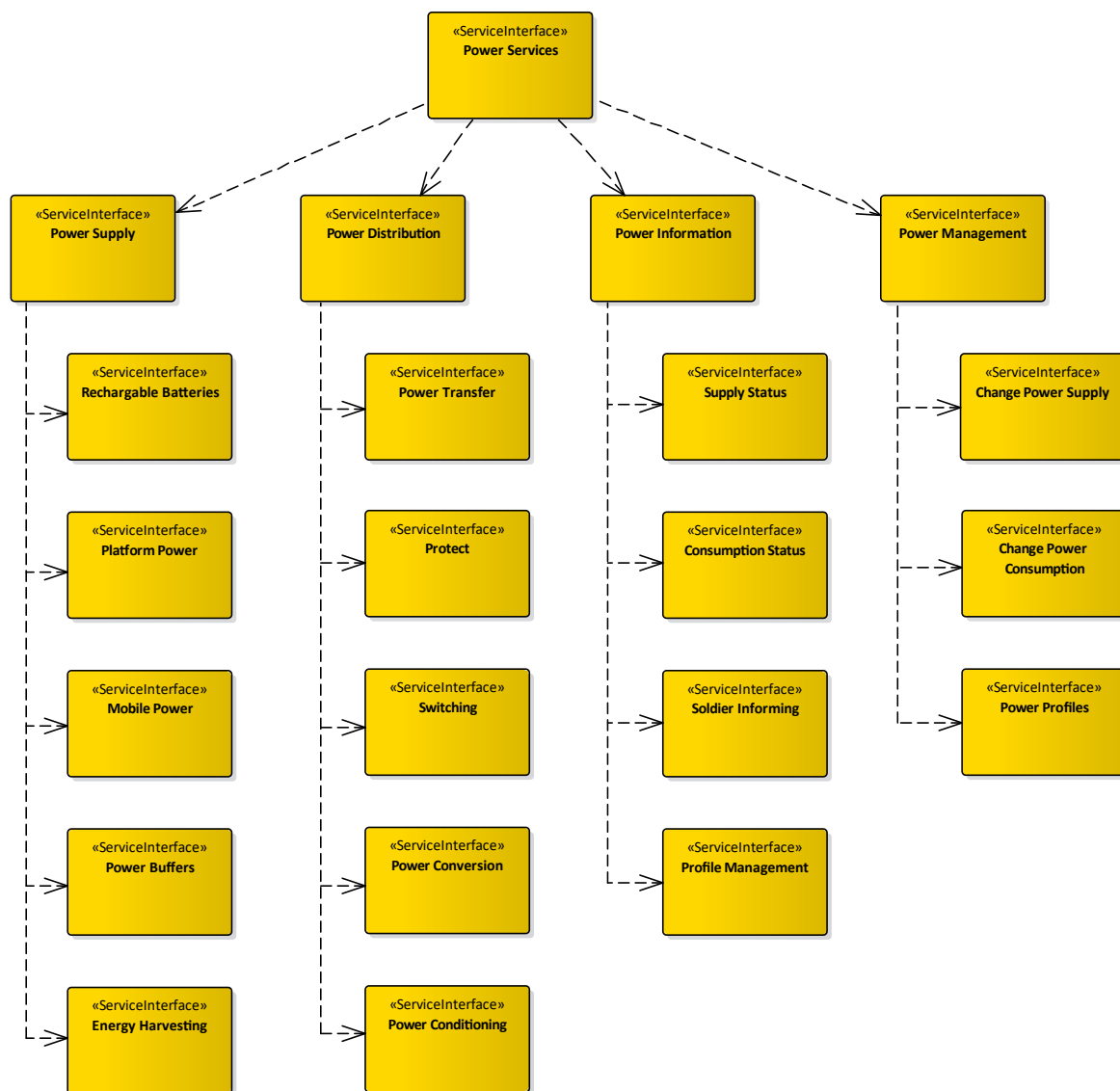


Figure 109: Power Services Taxonomy

1.1.3.12.7 Sensor Services Taxonomy diagram

SOV-1 diagram in package 'Functional Services Taxonomy'

Sensor Services Taxonomy

Version 1.0

GOSSRA Consortium created on 08/11/2019. Last modified 29/07/2020

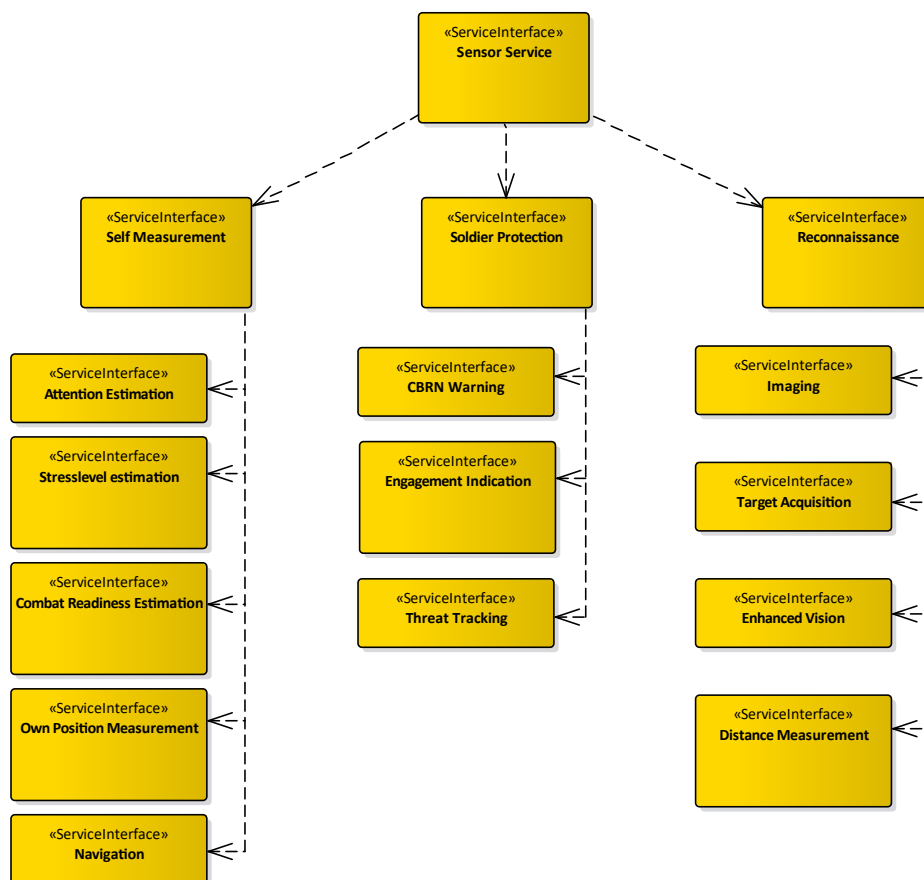


Figure 110: Sensor Services Taxonomy

1.1.3.13 Services to Operational Activity Mapping diagram

SOV-3 diagram in package 'NSOV-3 Services to Operational Activities Mapping'

Services to Operational Activity Mapping
Version 1.0

GOSSRA Consortium created on 08/11/2019. Last modified 29/07/2020

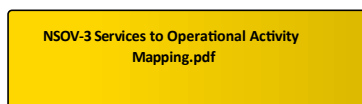


Figure 111: Services to Operational Activity Mapping

1.1.3.14 Technical Standards Profile diagram

TV-1 diagram in package 'NTV-1 Technical Standards Profile'

Technical Standards Profile
Version 1.0

GOSSRA Consortium created on 11/09/2019. Last modified 29/07/2020



Figure 112: Technical Standards Profile

