MULTILINGUAL GLOSSARY OF MEDIUM FORCES, UNMANNED AIRCRAFT SYSTEMS, AND COUNTER-UNMANNED AIRCRAFT SYSTEMS





Nika Blagne Štimac, Katja Pistor,

Jürgen Kotzian

CEDC
LANGUAGE PLATFORM
TERMINOLOGY PROJECT
2026

Sofia, October 2026

CEDC

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CEDC LP

Central European Defence Cooperation (CEDC)

→ **Established in 2010.** It brings together Ministries of Defence from six member states (**Austria**, **Croatia**, **Czech Republic**, **Hungary**, **Slovakia** and **Slovenia**) as well as the CEDC plus states and one observer state (**Poland**).

→ **Security and defence platform** to discuss, develop and promote common interests.

→ **The principal goal:** to contribute to the strengthening of regional security within the framework of EU and NATO PfP by promoting specific regional interests of the Participants.

→ **PRESIDENCY ROTATIONS PLAN:** 2021: Croatia, 2022: Austria, 2023: Czech Republic, 2024: Hungary, 2025: Slovakia, **2026: Slovenia**, 2027 Croatia.

→ Leadership provided by the Troika.

CEDC
Language Platform

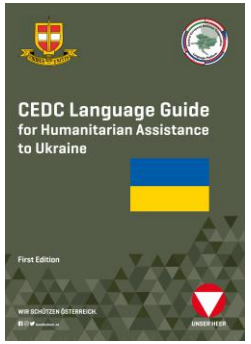
→ Established in **Vienna in 2019.**

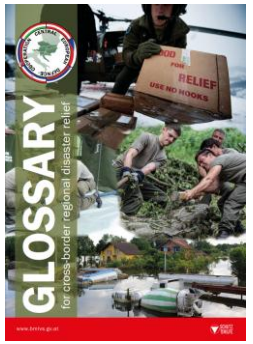
→ Mutual support in the development, standardisation and validation of:

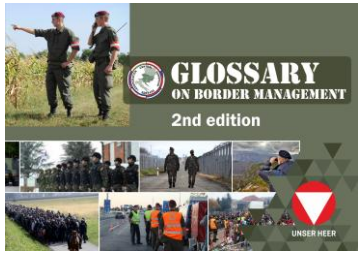
- **language testing,**
- **terminology management,**
- **effectiveness of language learning and**
- **quality assurance in translation.**

→ Seminars, Workshops on Testing, Translation and Terminology

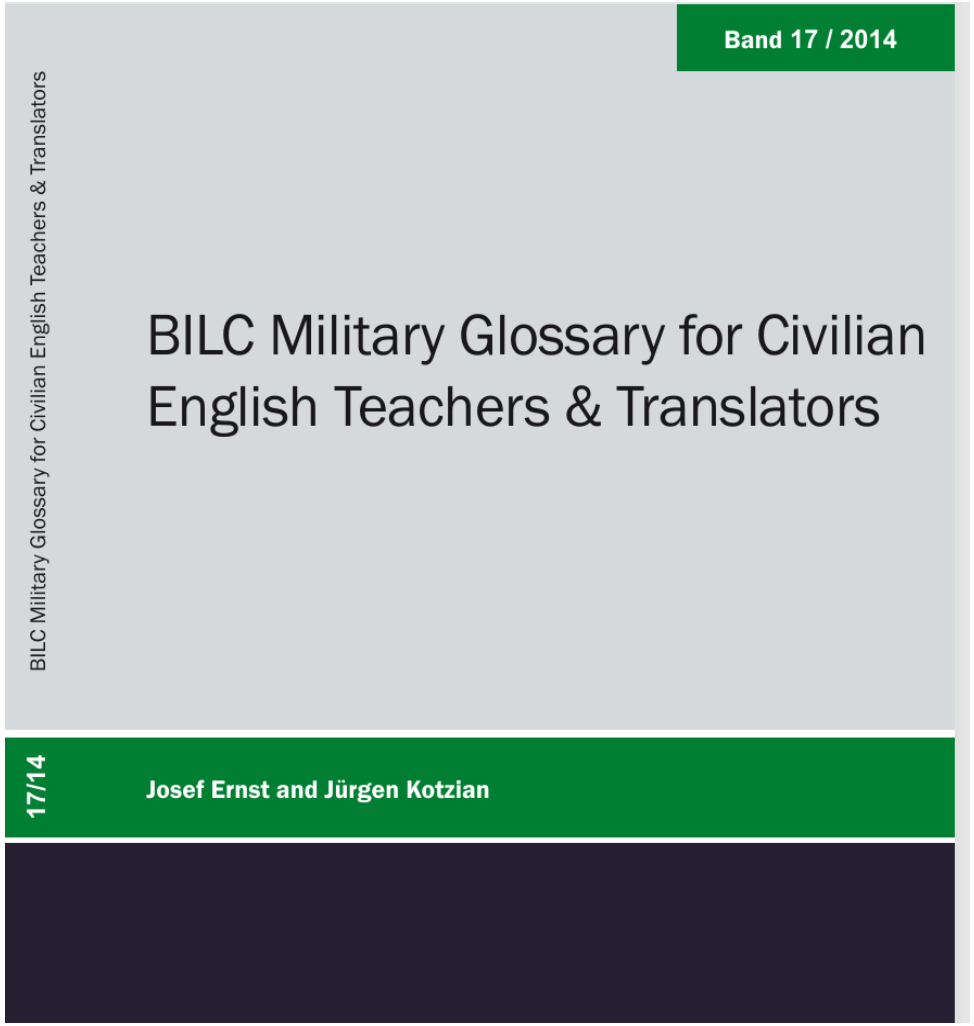
→ Website (News, Glossaries, Framework Paper etc.)
https://cedc.info/projects/language-platform/news/







The first BILC military glossary including definitions (2014)



barrier	ATP-3.2.1 Chs 6 & 8
A coordinated series of obstacles designed or employed to channel, direct, restrict, delay, or stop the movement of an opposing force and to impose additional losses in personnel, time, and equipment on the opposing force. Barriers can exist naturally, be manmade, or a combination of both.	
Source of definition:	US FM 101-5-1

barrier restricted area	ATP-3.2.1 Ch 6
An area where restrictions have been placed on the employment of obstacles, so as to facilitate own movement.	
Source of definition:	DNK WG proposal

battalion	ATP-3.2.1 Ch 8
Army organization consisting of several company-sized groupings and accompanying support elements. Able to fight independently of other units. Smaller than a brigade.	
Source of definition:	DNK WG proposal

battle	AJP-01 (D)Chapter 2
prolonged engagement between large numbers of opposing troops	
Source of definition:	Dictionary of Military Terms, Peter Collin Publishing, 2002

Battle Damage Assessment (Post Engagement Assessment)	ATP-3.2.1, Ch. 2
BDA - The assessment of effects resulting from the application of military action, either lethal or non-lethal, against a military objective.	

Overview

→ THE IDEA BEHIND THE GLOSSARY

→ WORKING PROCESS

→ STRUCTURE OF THE GLOSSARY

→ LINGUISTIC CHALLENGES

→ IMPLEMENTATION

→ CONCLUSION

THE IDEA BEHIND THE GLOSSARY

Terminology project

CEDC Language Platform terminology project 2026:
Glossary of Medium Forces, Unmanned Aircraft systems, and Counter-unmanned Aircraft Systems

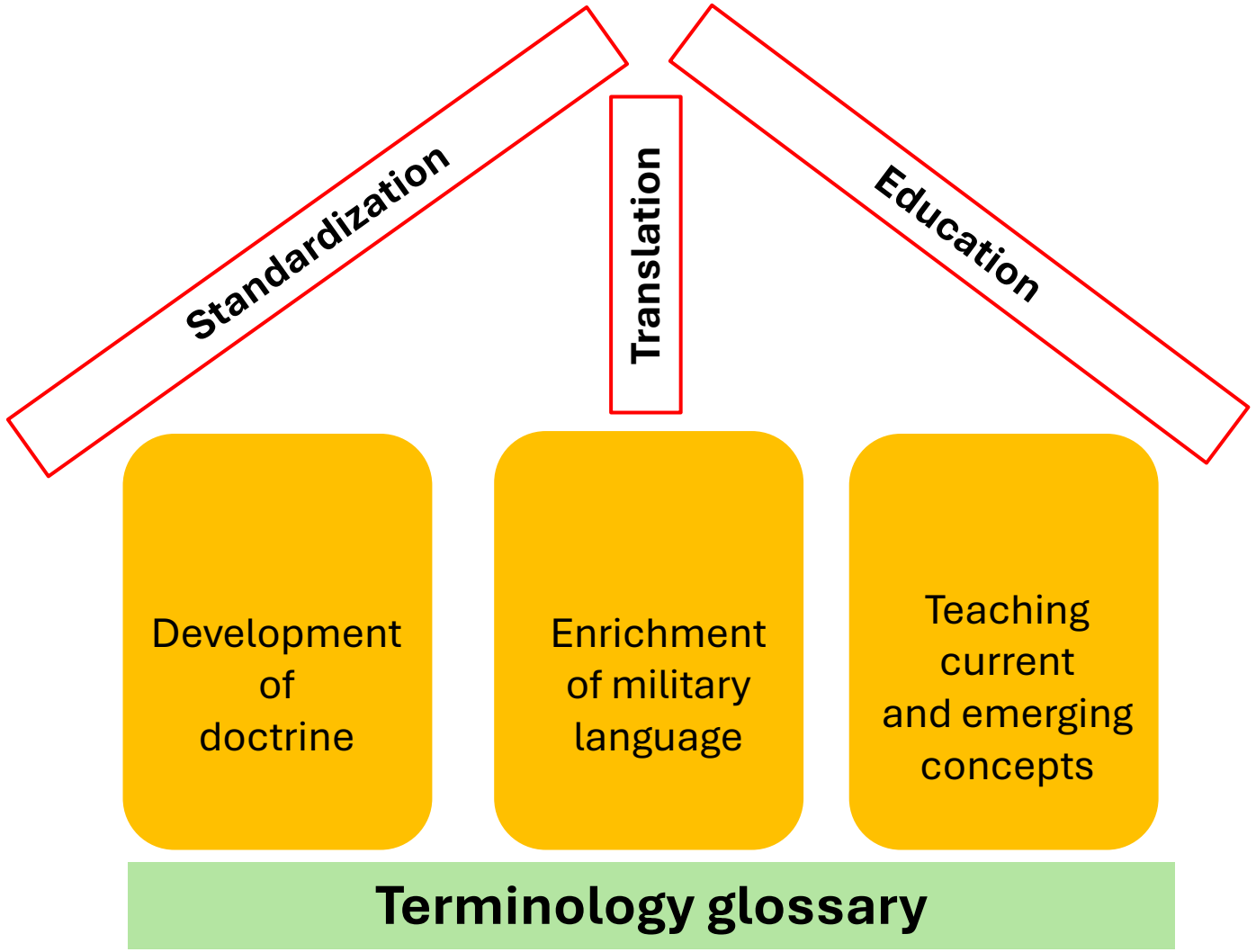


→*Proposal for cooperation and introduction to the project in Vienna (NOV 25)*

→*Contributing countries: Austria, Croatia, Czechia, Hungary, Slovakia, Slovenia, and Serbia*

→*Setting goals and confirming the timetable*

Language interoperability



Time schedule

Vienna terminology workshop (NOV25)

Phase 1 = DEVELOPMENT (NOV25-JUN26)

Vienna translation workshop (MAR26)

Phase 2 = REVISION, PRINTING, APP (MAY26-AUG26)

Slovenia terminology conference (AUG26)

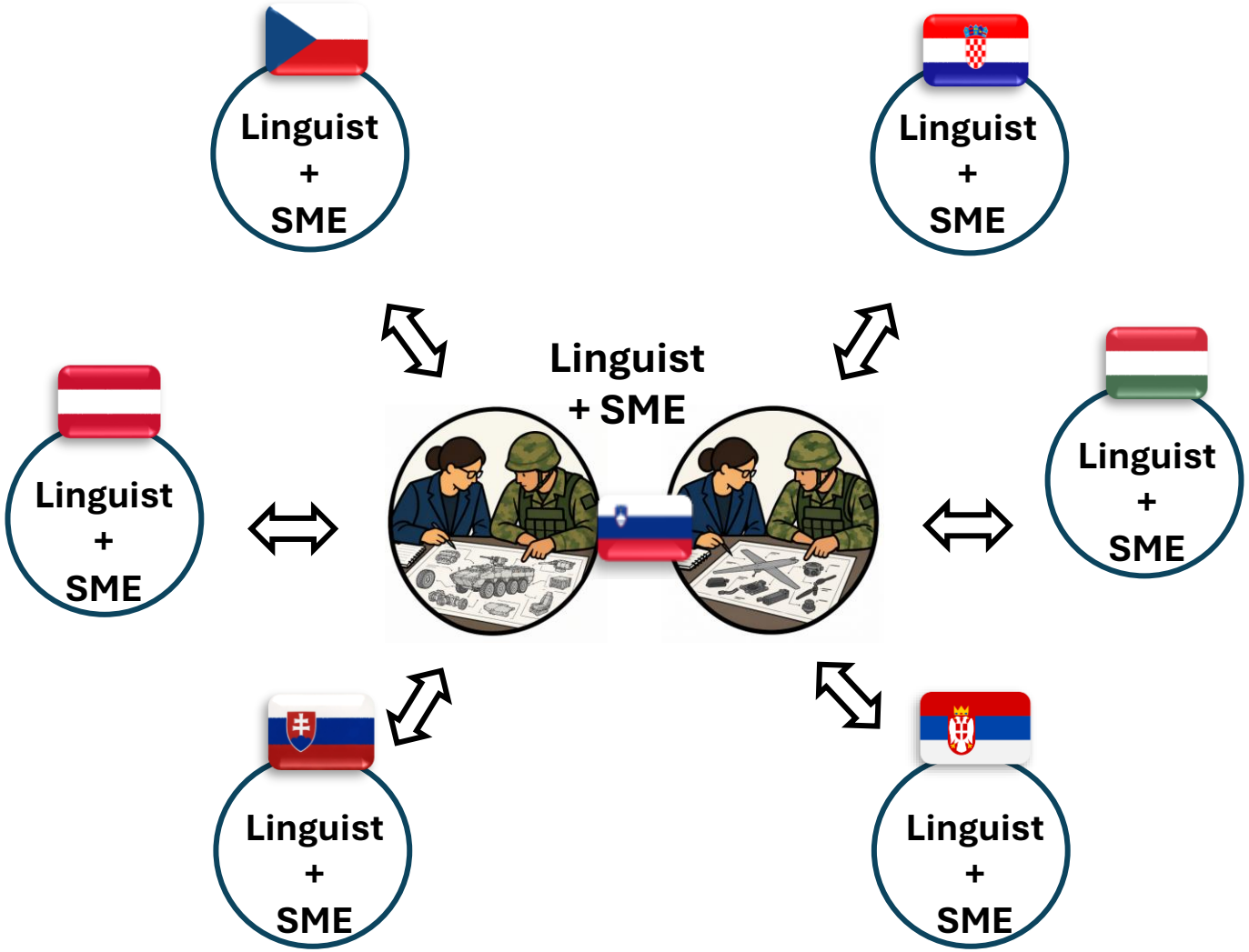
Phase 3 = PRESENTATION (SEPT-DEC26)

CEDC ministerial 21SEP2026

Sofia NATO BILC Conference OCT2026

WORKING PROCESS

The „perfect“ cycle



- SVN: part 1 (31DEC25)
- CEDC: part 1 (31JAN26)
- SVN: part 2 (31JAN26)
- CEDC: part 2 (28FEB26)
- SVN: part 3 (28FEB26)
- CEDC: part 3 (31MAR)
- SVN: part 4 (31MAR26)
- CEDC: part 4 (30APR26)
- SVN: part 5 (30APR2026)
- CEDC: part 5 (30MAY)

No	English term	English definition	AUT	CZE	HRV	HUN	SRB	SVK	SVN
8	**land force**	**The military component that conducts operations on land in complex environments to achieve operational and strategic objectives.**	Landstreitkräfte	pozemní síly	kopnene snage	szárazföldi erők	копнене снаге	pozemné sily	kopenske sile
8.A.	**heavy force**	**Land forces equipped with heavily armoured vehicles that deliver protected, high-intensity firepower and shock action in combat.**	schwere Kräfte	těžké síly	teške snage	nehézerők	тешке оклопне јединице	ťažké sily	težke sile
8.A.a	**strategic mobility**	**The capability to move forces and their associated logistics in a timely and effective manner over long distances. This could be between joint operations areas, between regions, or beyond NATO's area of responsibility.**	strategische Beweglichkeit	strategická mobilita	strateška pokretljivost	stratégiai mobilitás	стратешка мобилност	strategická mobilita	strateška premičnost
8.A.b	**tactical mobility**	**The ability to move rapidly from one part of the battlefield to another, relative to the enemy.**	taktische Beweglichkeit	taktická mobilita	taktička pokretljivost	harcászati mobilitás	тактичка мобилност	taktická mobilita	taktična premičnost
8.A.c	**fire power**	**The amount of fire which may be delivered by a position, unit, or weapon system.**	Feuerkraft	palebná síla	vatrena moć	tűzerő	ватрена моћ	palebná sila	ognjena moč
8.A.d	**protection**	**All actions taken to guard against espionage or capture of sensitive equipment and information.**	Schutz	ochrana	zaštita	védelem	заштита	ochrana	zaščita
8.A.e	**sustainment**	**An operation aimed at sustaining the combat capability of one's own or friendly forces to enable decisive action or actions designed to shape the situation**	Versorgungseinsatz	udržování	podrška	fenntartás	позадинско обезбеђење	udržiavanie bojaschopnosti	zagotavljanje vzdržljivosti delovanja
8.B	**medium force**	**Land forces mounted in tracked or wheeled armoured vehicles that balance mobility, protection, and firepower, bridging the gap between light and heavy forces.**	mittlere Kräfte	střední síly	srednje teške snage	közepes erők	механизоване јединице	stredné sily	srednje sile
8.B.a	**operational mobility**	**The capability of military forces to rapidly move personnel and equipment within an area of operations to a decisive point of battle.**	operative Beweglichkeit	operační mobilita	operativna pokretljivost	műveleti mozgékonyság	оперативна мобилност	operačná mobilita	operativna premičnost
8.C	**light force**	**Land forces that are primarily dismounted or lightly equipped, with limited organic lift and protection, designed for rapid deployment and operations in close terrain where heavy forces are constrained.**	leichte Kräfte	lehké síly	lake snage	könnyű erők	лаке пешадијске снаге	ľahké sily	lahke sile

THE MULTILINGUAL GLOSSARY

1.051 terms

Structure of the Glossary

The first part of the glossary deals with medium forces and is divided into two sections:

- Terminology of Doctrine, Organization, Tactics, Operations, and Command and Control;
- Technical Terminology.

The second part is dedicated to UAS and C-UAS and is divided into two sections:

- UAS and Loitering Munitions;
- C-UAS Equipment and Operations.

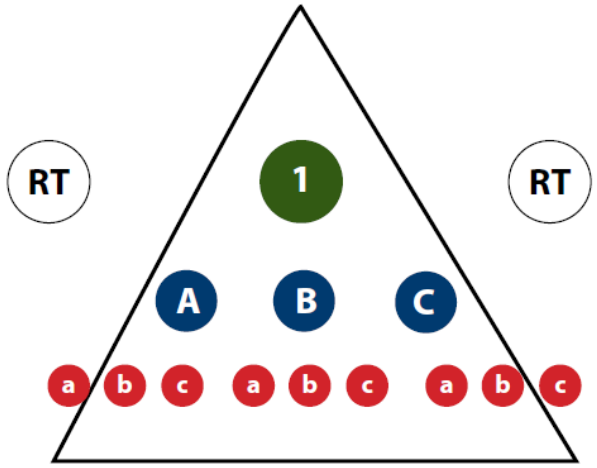
Within each part, the terms are organized hierarchically into three levels based on the principles of taxonomy. To facilitate navigation and improve clarity, the hierarchy is also represented by a colour-coding system:

- **Superordinate term** (number, green colour);
- **Subordinate term** (uppercase letter, blue colour);
- **Specific term** (lowercase letter, red colour).

*The fourth level comprises **related terms (RT)** that are not part of the hierarchical conceptual system presented in the glossary but contribute to a more comprehensive understanding of the topics covered. These terms are listed at the end of each part of the glossary.*

The terms in the glossary are accompanied by illustrative images to facilitate conceptual understanding. Each image is followed by a table containing the terms and their definition in English, based on NATO or national publications. All sources used for the definitions are UNCLASSIFIED. The English terms and definitions are followed by national equivalents of the languages of the Central European Defence Cooperation (CEDC) countries.

At the end of the glossary, users will find a list of commonly used abbreviations related to the terms included in the glossary and an index of English terms arranged in alphabetical order, together with the page numbers on which each specific term appears.

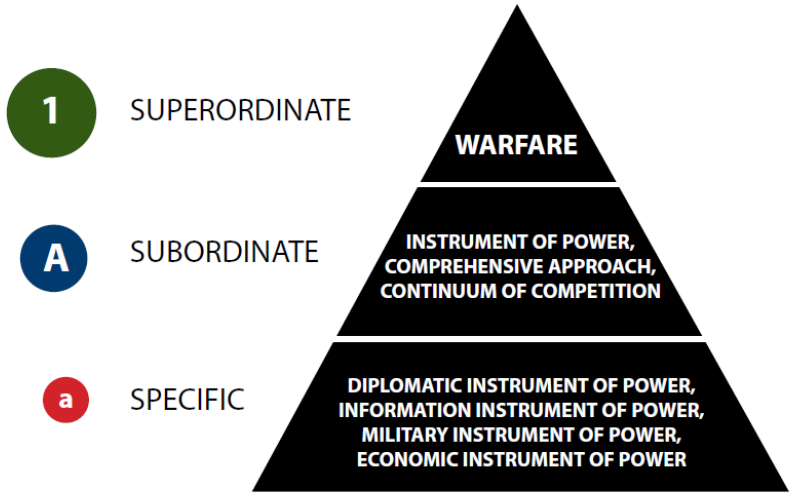


Hierarchy of terms

- Introduction
- PART 1: MEDIUM FORCES
  - Section 1
  - Section 2
  - Related terms
- PART 2: UAS, C-UAS
  - Section 1
  - Section 2
  - Related terms
- List of abbreviations
- Index

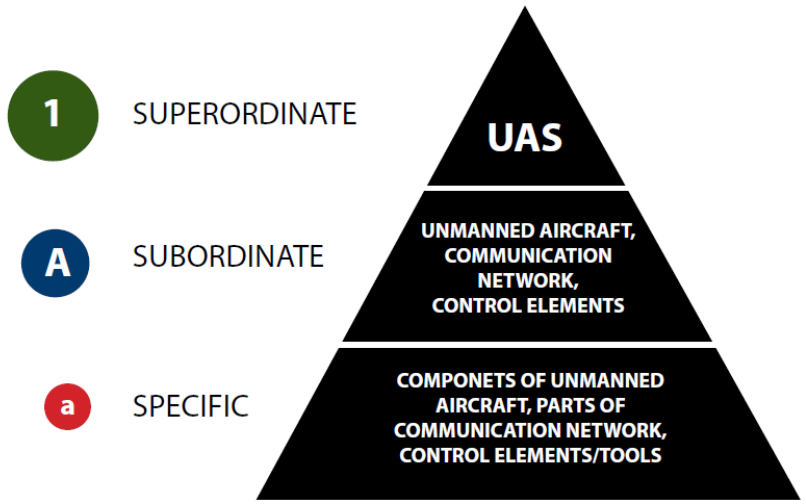
Hierarchy of terms

EXAMPLE, PART 1



RT + RELATED TERMINOLOGY
(relevant terms that support understanding of the conceptual terms)

EXAMPLE, PART 2



RT + RELATED TERMINOLOGY
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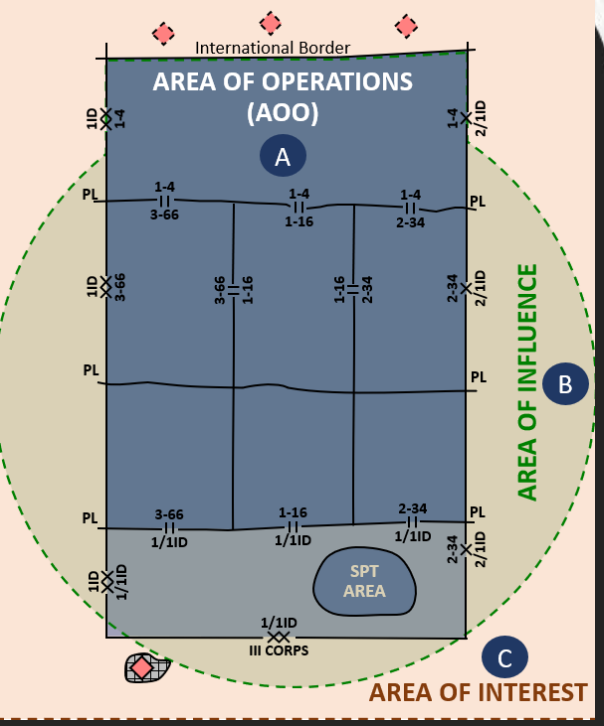


PART 1

SECTION 1
TERMINOLOGY OF DOCTRINE, ORGANIZATION, TACTICS, AND MISSION COMMAND

SECTION 2
TECHNICAL TERMINOLOGY



From abstract to concrete

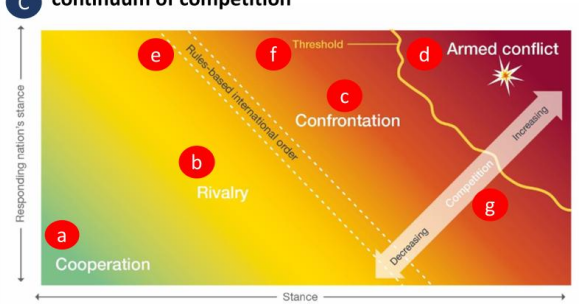
1 WARFARE

A instrument of power (IoP)

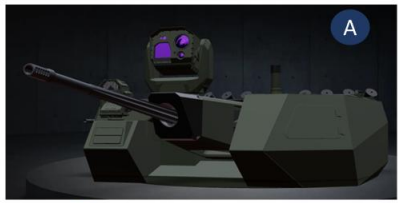
DIME
- a diplomatic IoP
- b information IoP
- c military IoP
- d economic IoP

B comprehensive approach

C continuum of competition



35 WEAPON STATION/TURRET SYSTEM



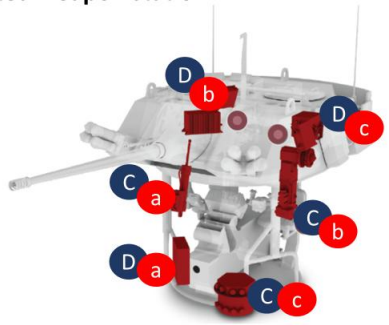
A unmanned turret

remotely controlled/operated weapon station



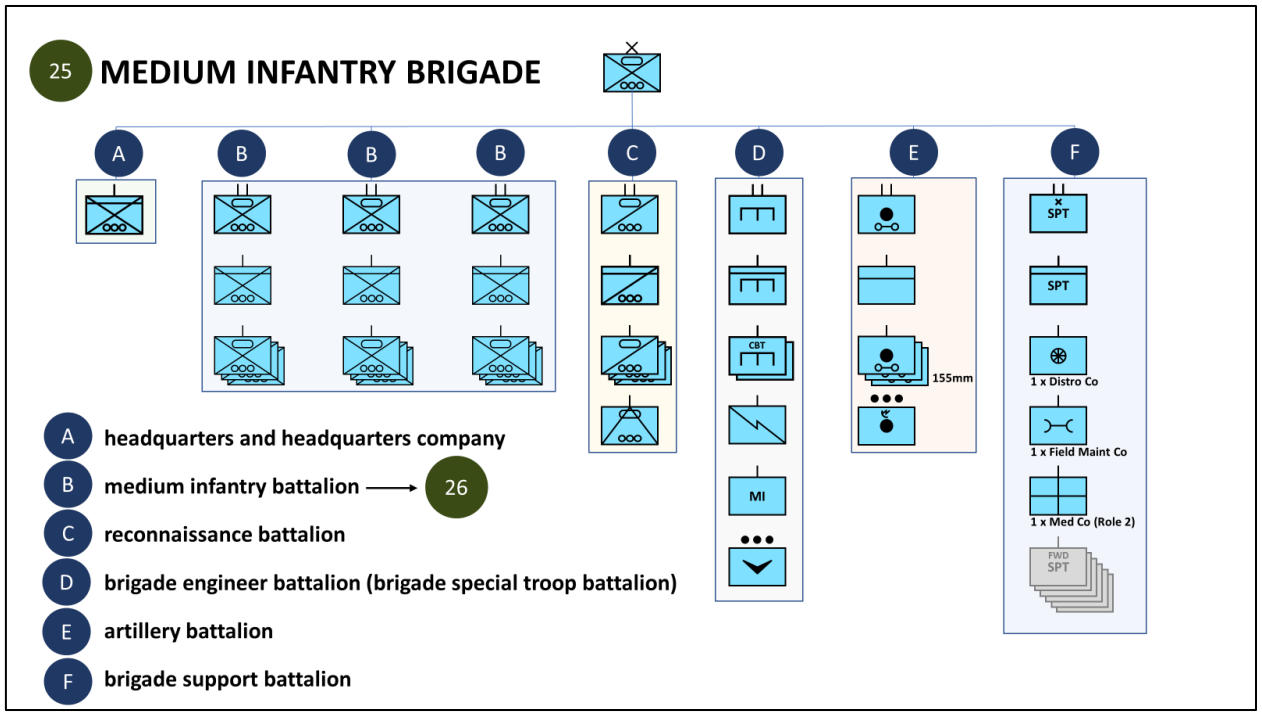
B manned turret

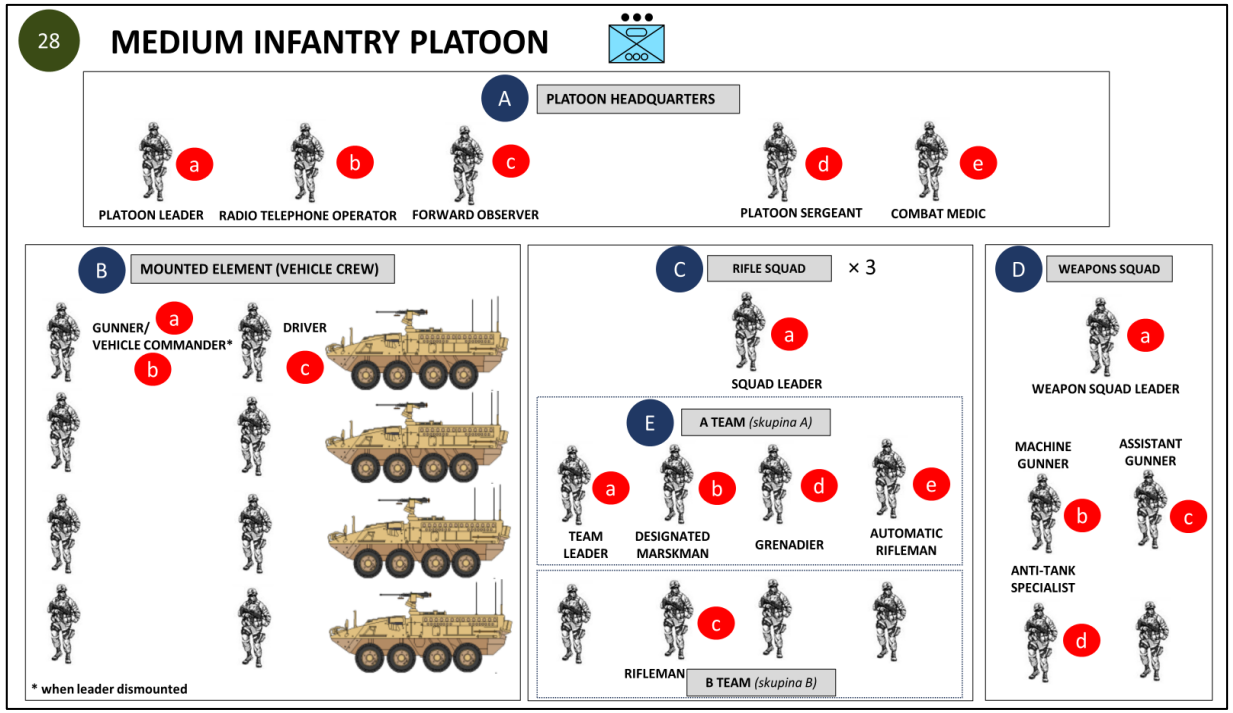
C turret stabilization
- C a elevation actuator
- C b traverse actuator
- C c slip ring



D fire control system
- D a digital dual axis controller
- D b gun control unit
- D c fire control computer

From brigade to individual soldier





Part 1 total

- SUPERORDINATE: section 1: 33, section 2: 13 >>> 46
- SUBORDINATE: section 1: 122, section 2: 66 >>> 188
- SPECIFIC: section 1: 229, section 2: 81 >>> 310
- RELATED: 44

= 588 terms



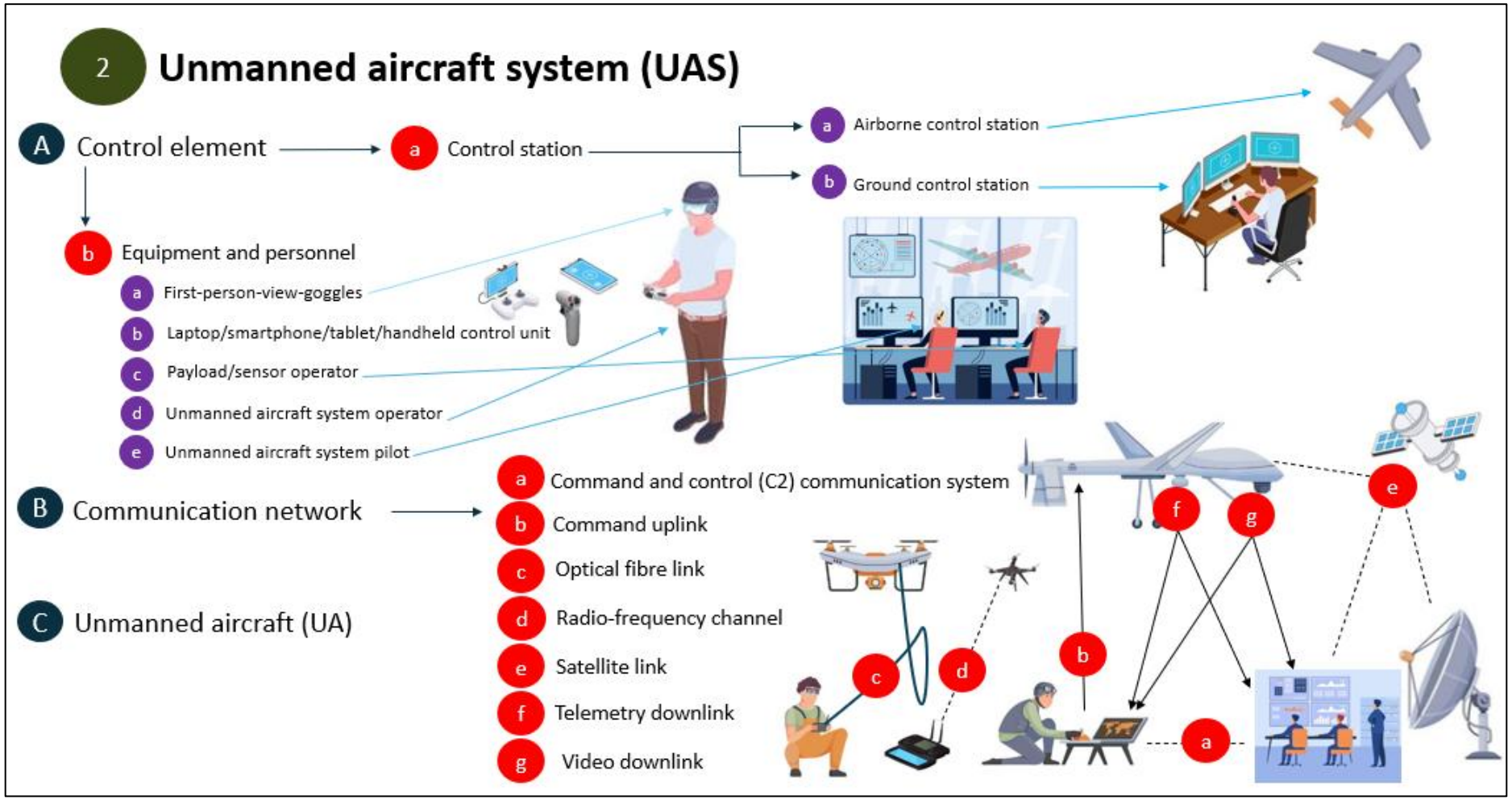
PART 2

SECTION 1
UNMANNED AIRCRAFT SYSTEMS and LOITERING MUNITIONS

SECTION 2
COUNTER-UNMANNED AIRCRAFT SYSTEMS

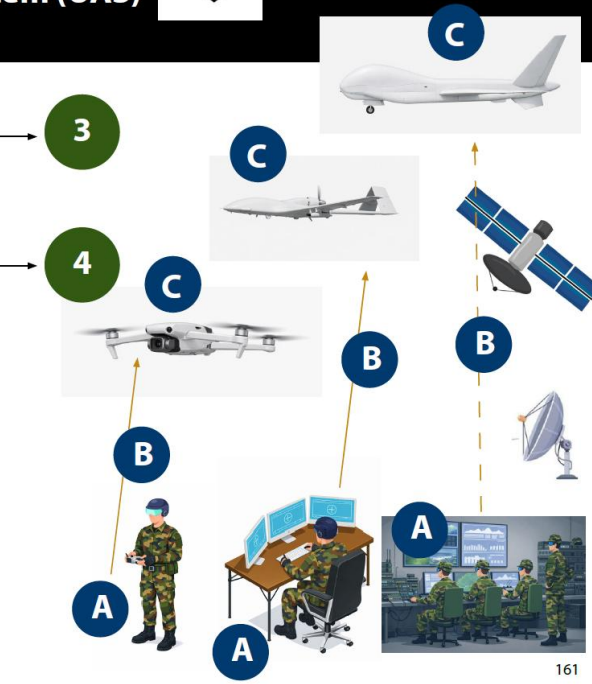


Achieving clarity in complexed structures



2 Unmanned aircraft system (UAS)

- A Control element → 3
- B Communication network → 4
- C Unmanned aircraft (UA)
  - 5 Composition
  - 11 Funciton
  - 12 Type



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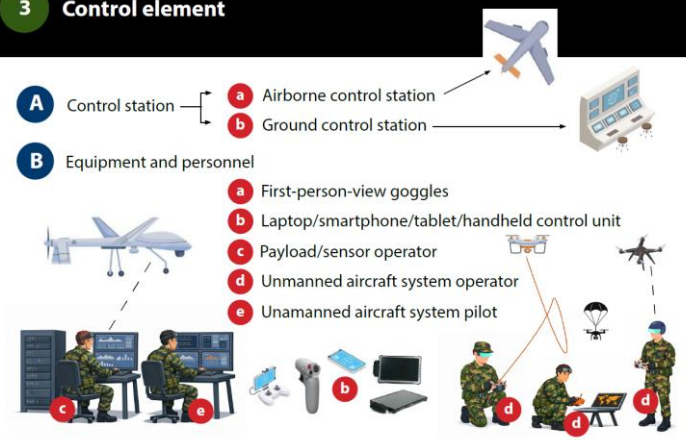
3 Control element

- A Control station
  - a Airborne control station
  - b Ground control station
- B Equipment and personnel
  - a First-person-view goggles
  - b Laptop/smartphone/tablet/handheld control unit
  - c Payload/sensor operator
  - d Unmanned aircraft system operator
  - e Unamanned aircraft system pilot



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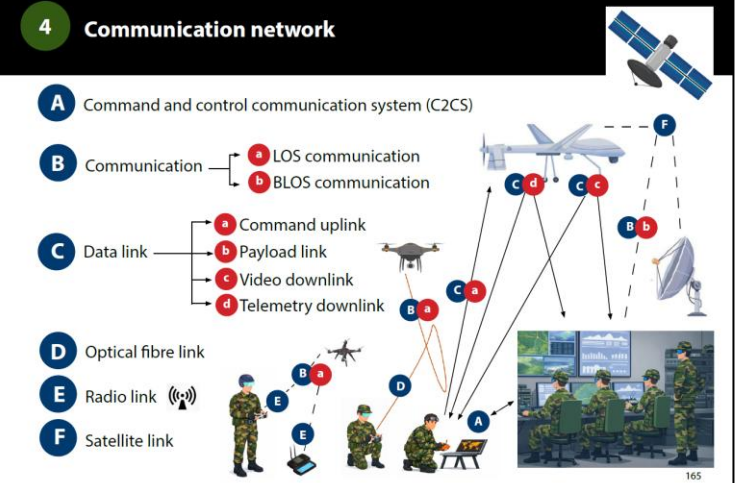
4 Communication network

- A Command and control communication system (C2CS)
- B Communication
  - a LOS communication
  - b BLOS communication
- C Data link
  - a Command uplink
  - b Payload link
  - c Video downlink
  - d Telemetry downlink
- D Optical fibre link
- E Radio link
- F Satellite link



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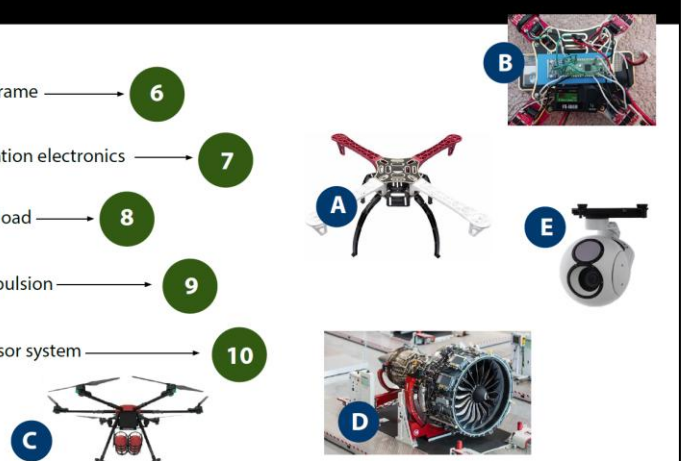
5 Unmanned aircraft (UA) /composition/

- A Airframe → 6
- B Aviation electronics → 7
- C Payload → 8
- D Propulsion → 9
- E Sensor system → 10



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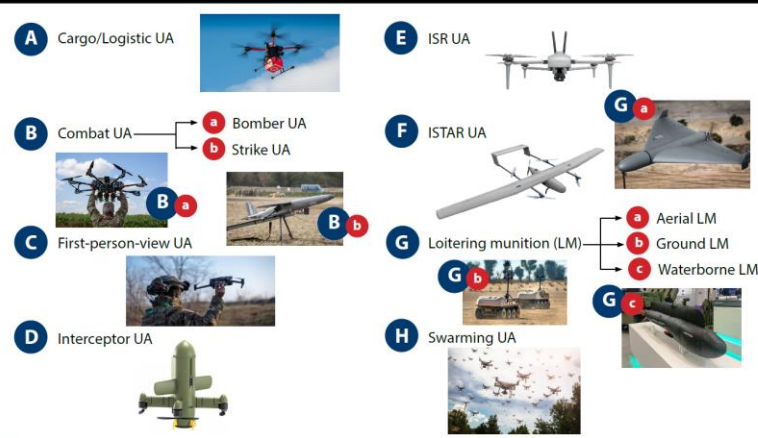
11 Unmanned aircraft (UA) /function/

- A Cargo/Logistic UA
- B Combat UA
  - a Bomber UA
  - b Strike UA
- C First-person-view UA
- D Interceptor UA
- E ISR UA
- F ISTAR UA
- G Loitering munition (LM)
  - a Aerial LM
  - b Ground LM
  - c Waterborne LM
- H Swarming UA



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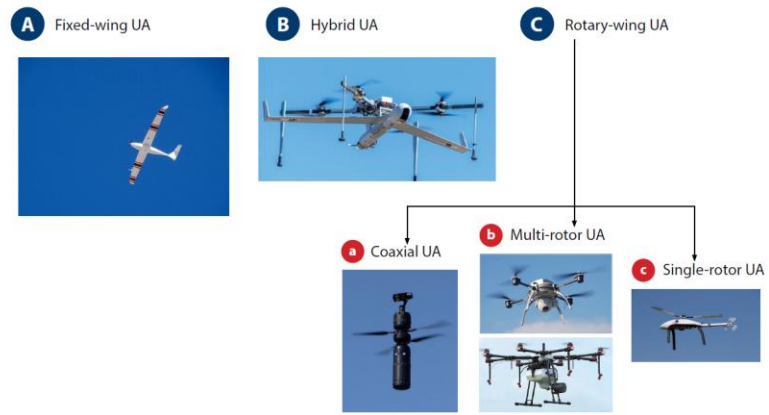
12 Unmanned aircraft (UA) /type/

- A Fixed-wing UA
- B Hybrid UA
- C Rotary-wing UA
  - a Coaxial UA
  - b Multi-rotor UA
  - c Single-rotor UA



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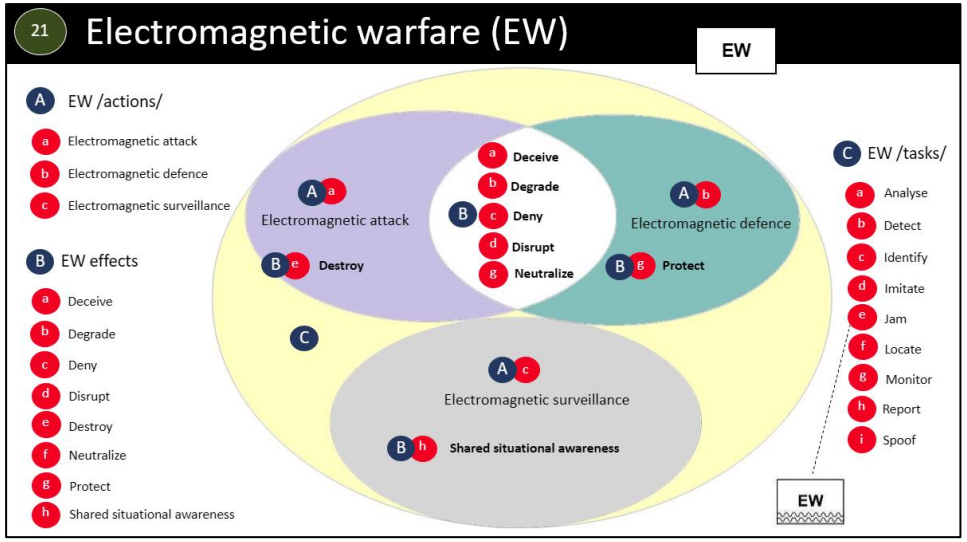
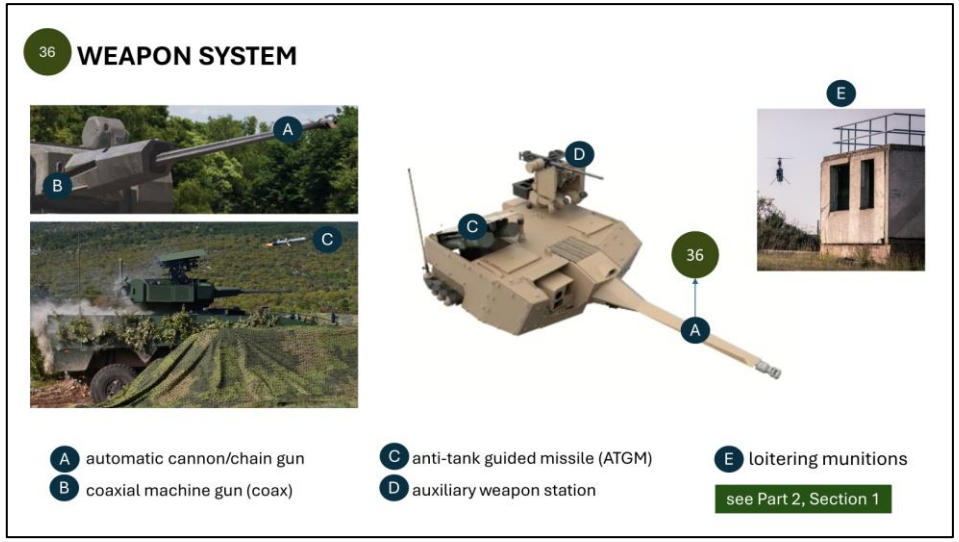
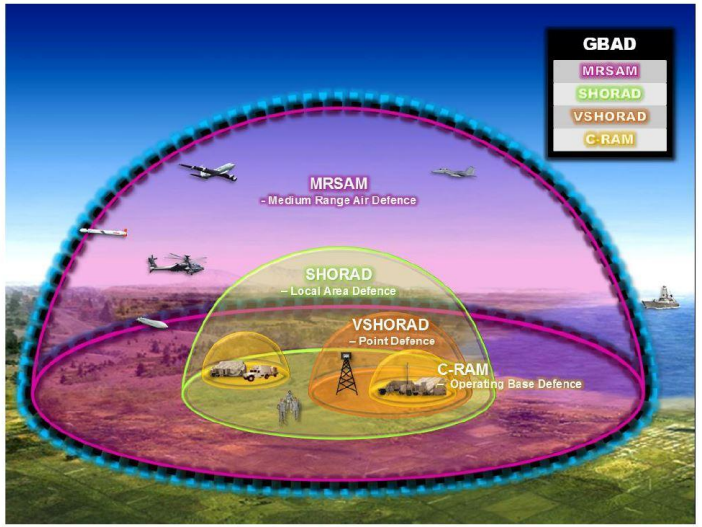
Overlapping terminology







Part 2 total

- SUPERORDINATE: section 1: 14, section 2: 8 >>> 22
- SUBORDINATE: section 1: 73, section 2: 43 >>> 116
- SPECIFIC: section 1: 90, section 2: 67 >>> 157
- RELATED: 168

= 463 terms

LINGUISTIC CHALLANGES

(Non)doctrinal terminology

Drone
Quad-/multi-copter
First-person view – FPV (drone)
Unmanned aerial vehicle

Kamikaze drone
Suicide drone
Exploding drone
One-way lethal payload
Fire-and-forget weapon
Aerial bomb

Counter-unmanned aerial system

Unmanned aircraft system

Loitering munition

Counter-unmanned aircraft systems

Desctription vs. standardised definition

ATP-3.3.8.2, 2020

All UAS have common components: the **unmanned aircraft** (UA), **the payload**, **the control element**, **communications**, and the **support element**.

ATP-117, 2025

Class I UAS are typically complete systems, composed of three segments: **the air segment** (aircraft and payload); **the data-link segment** (data exchange architecture between the aircraft and the Ground Control Station- GCS): **the ground segment** (GCS, supporting network infrastructures, personnel, logistics…).

NATOTerm

UAS is a system whose components include the **unmanned aircraft**, the **supporting network** and all **equipment and personnel necessary** to control the unmanned aircraft.

ATP 3-01.81, 2025

UAS is a system whose components include the **necessary equipment**, **network**, and **personnel** to control an unmanned aircraft

IMPLEMENTATION



Final steps

Formal presentation of the Glossary

Ministerial Meeting



Brdo pri Kranju, Slovenia, 21 – 22 September 2026

Implementation

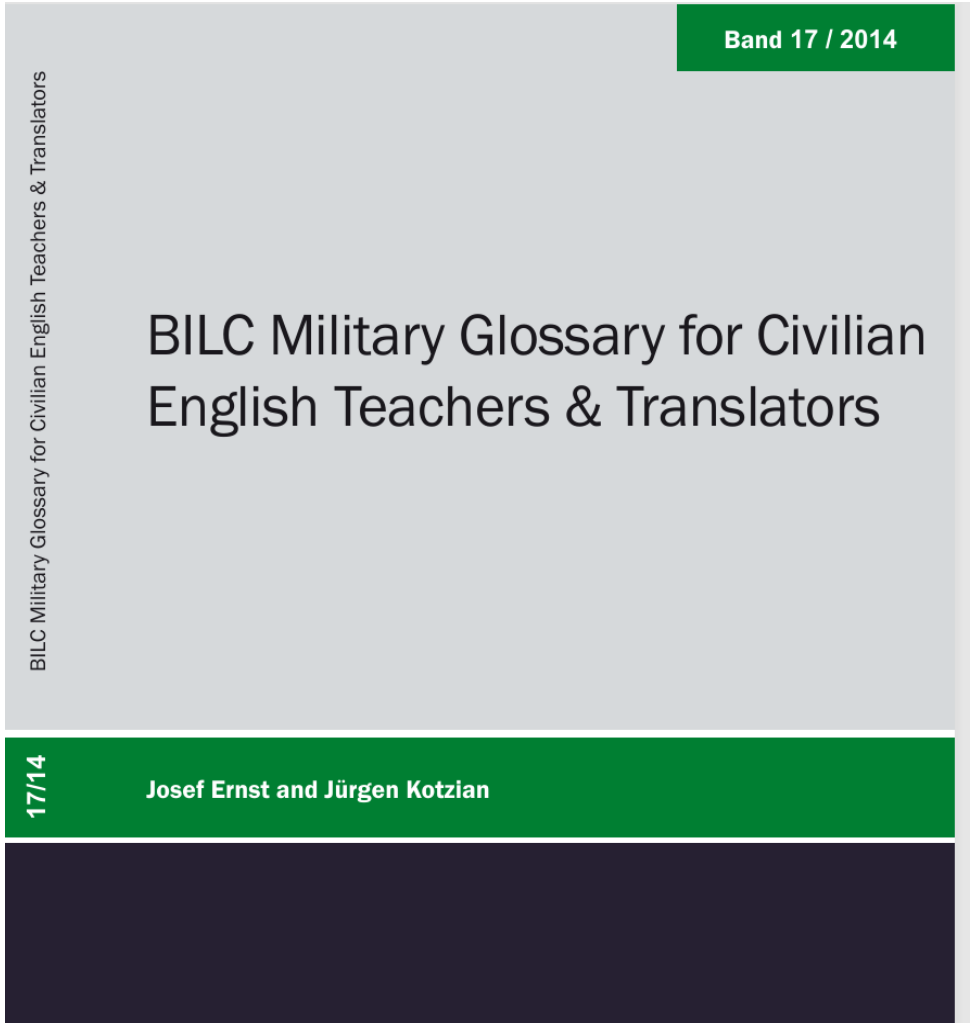
Hard copy and online version available for the users (September 2026)

LINK:
https://dk.mors.si/IzpisGradiva.php?id=1680&lang=slv

Computer APP (In progress)

Use in translations, publications, education system

The first BILC military glossary including definitions (2014)



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prolonged engagement between large numbers of opposing troops	
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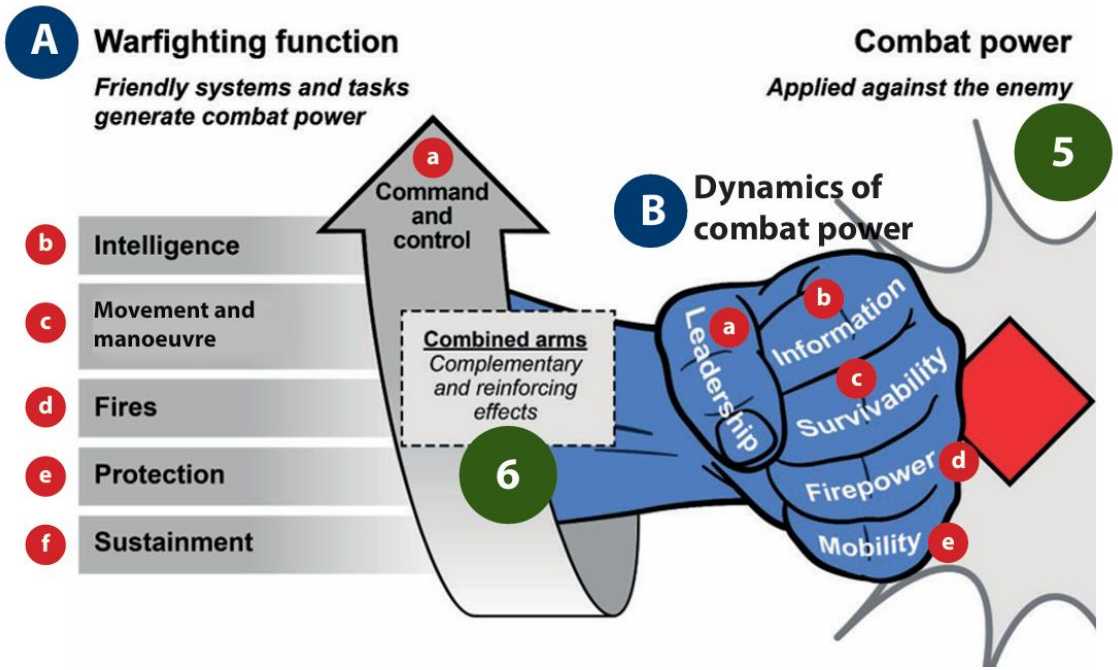
BDA - The assessment of effects resulting from the application of military action, either lethal or non-lethal, against a military objective.	

The newest CEDC military glossary including definitions (2026)



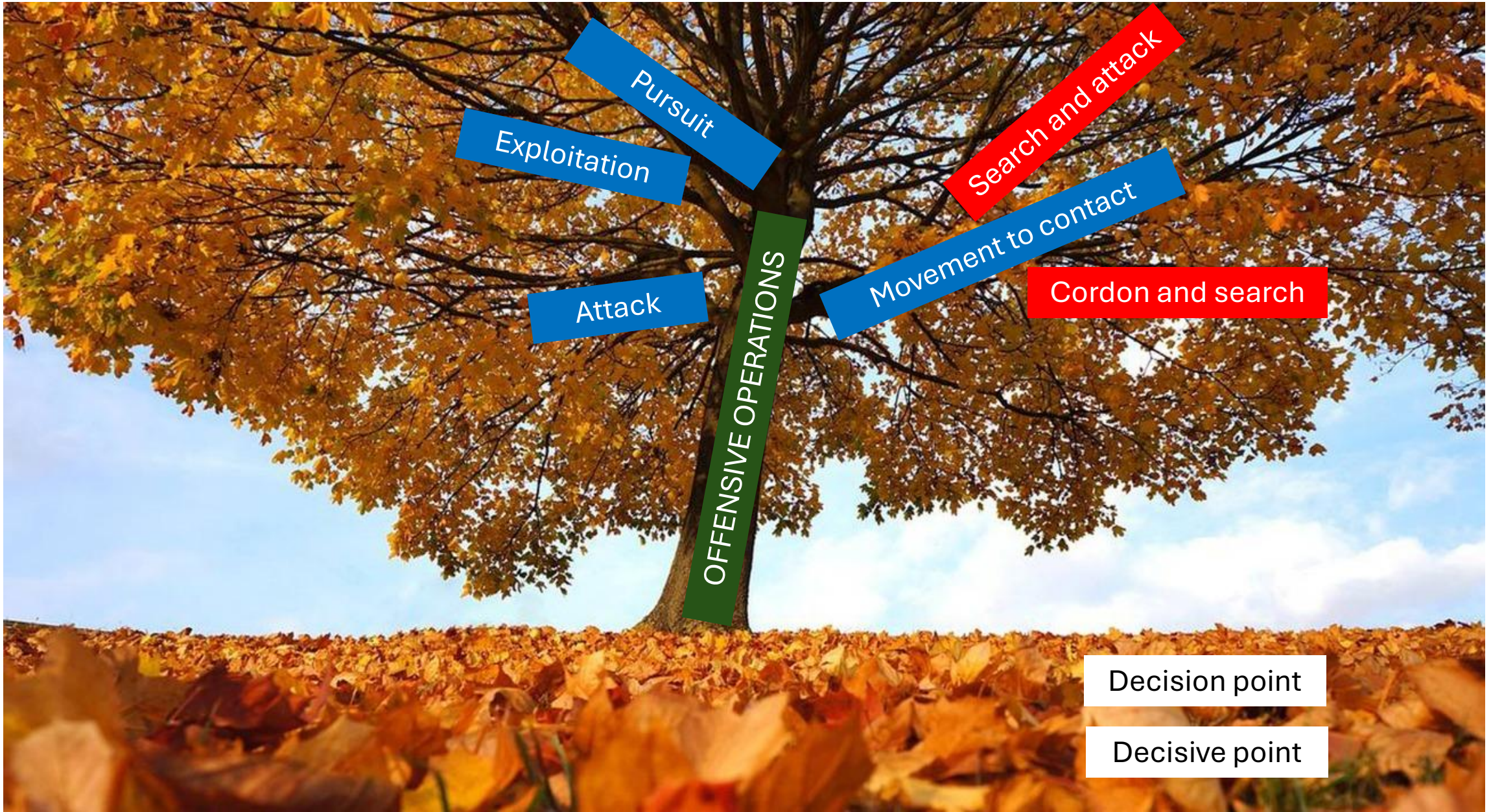


Desig.	English term	Definition	AUT	CZE	HRV	HUN	SRB	SVK	SVN
4	combat	The direct engagement between opposing forces employing lethal and non-lethal means in a contested environment to defeat, destroy, neutralize, or otherwise compel the adversary in pursuit of assigned military objectives.	Kampf	boj	borba	harc	борба	boj	boj
5	combat power	The measurable means that a unit or formation can apply to direct or influence the adversary and other audiences or the course of events at a given time.	Kampfkraft	bojová síla	borbena moć	harci erő	борбена моћ	bojová sila	bojna moč
5.A	warfighting function	A group of tasks and systems united by a common purpose that commanders use to accomplish missions and training objectives.	funktionaler Teilbereich	bojové funkce	borbena funkcija	hadviselési funkció	борбена функција	bojová funkcia	bojna funkcija
5.A.a	command and control	The authority, responsibilities and activities of military commanders in the direction and coordination of military forces as well as the implementation of orders related to the execution of operations.	Führung	velení a řízení	zapovijedanje i nadzor	vezetés és irányítás	командовање и контрола	velenie a riadenie	poveljevanje in kontrola
5.A.b	intelligence	The related tasks and systems that facilitate understanding the enemy, terrain, weather, civil considerations, and other significant aspects of the operational environment.	Informationsgewinnung	zpravodajské informace	obavještajno djelovanje	hírszerzés	обавештајни рад	spravodajstvo	obveščevalna zagotovitev
5.A.c	movement and manoeuvre	The related tasks and systems that move and employ forces to achieve a position of relative advantage over the enemy and other threats.	Manöver	přesun a manévr	manevar	mozgás és manőver	покрет и маневар	presun a manéver	premikanje in manever
5.A.d	fires	The related tasks and systems that create and converge effects in all domains against the adversary or enemy to enable operations across the range of military operations.	Feuer	palba	vatre	összehangolt tűzerő	ватрено дејство	paľba	ognji
5.A.e	force protection	All measures and means to minimize the vulnerability of personnel, facilities, materiel, operations, and activities from threats and hazards to preserve freedom of action and operational effectiveness of the force, thereby contributing to mission success.	militärischer Eigenschutz	ochrana vojsk	zaštita snaga	erővédelem	заштита снага	ochrana síl	zaščita sil

Ideas for teaching concepts

- Video-supported presentation of schemes
- Gap-fill
- Picture differences (recognising types)
- Functional explanations („What does it do?“)
- Acronyms de-coding
- Placing equipment („How it works?“)
- Fault-finding and troubleshooting scenarios
- Technical word categorization and word trees
- Practicing descriptions, explanations and definitions

A word tree explaining hierarchy of terms



Conclusion

- Shared interest
- Setting reachable goals
- Subject matter expert + linguist cooperation
- Good coordination and commitment
- Language interoperability is the mother of all interoperabilities





7 Nations Working Together in Unity of Efforts