

# Blockchain: Transformation of NATO Logistics Capabilities

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## Agenda

- Introduction
- Blockchain Technology Awareness
- Transformation in NATO Logistics
- Summary of the Survey Results
- Conclusion



# Introduction

Strategic advantage

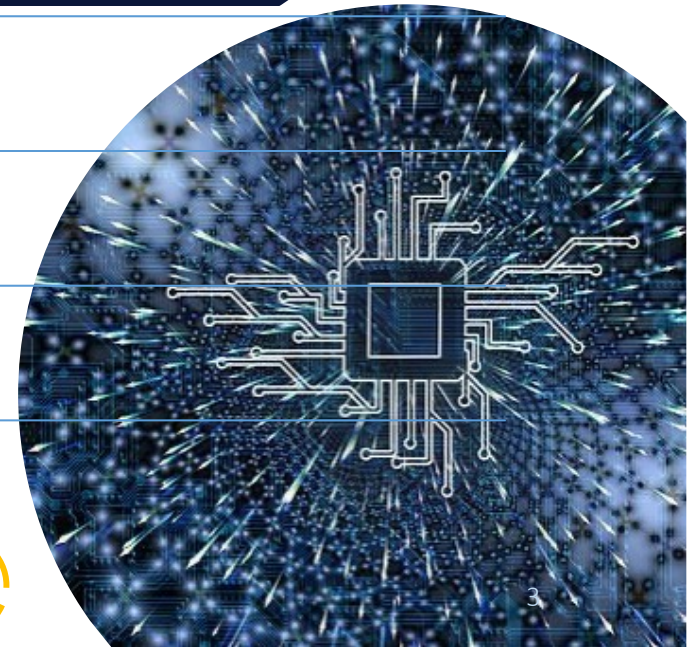


Data

Blockchain Revolution

Putting Blockchain to use in NATO

Blockchain Col



## Blockchain Definition

A business network that is used between peers to exchange value. Value can be currencies, tracking information, or anything that interested parties require to be maintained on the blockchain ledger.\*

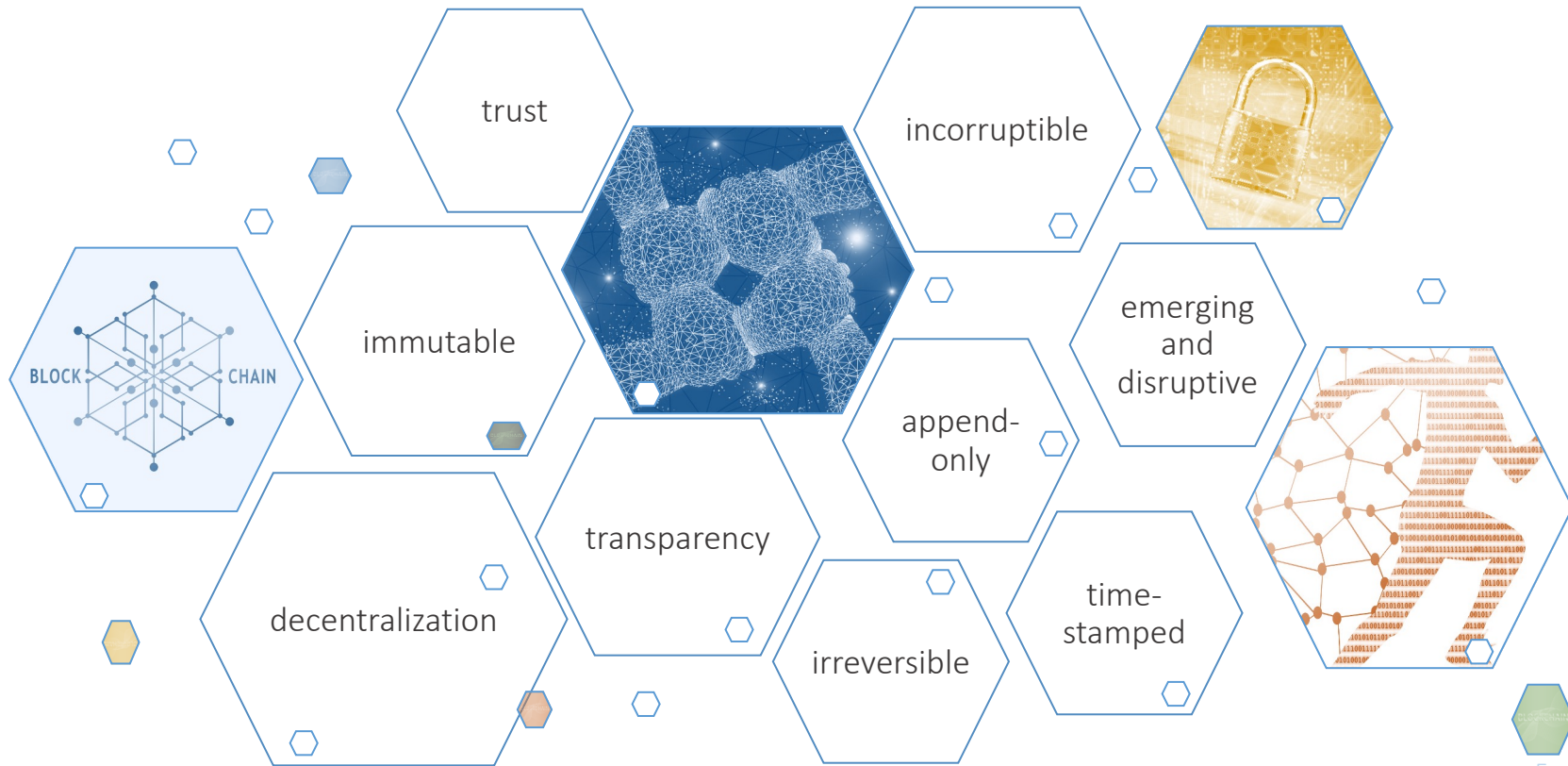
\*Joseph Holbrook



*A distributed digital military ledger that is used between nations of alliances to exchange defence logistics value. Defence logistics value can be recognized logistics picture, asset tracking information, cross border paper-based documents, or anything that interested military units require to be maintained on the blockchain ledger to improve digital backbone of sustainability.*



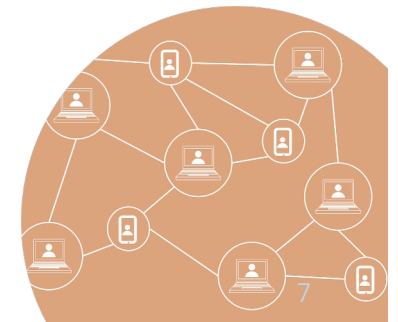
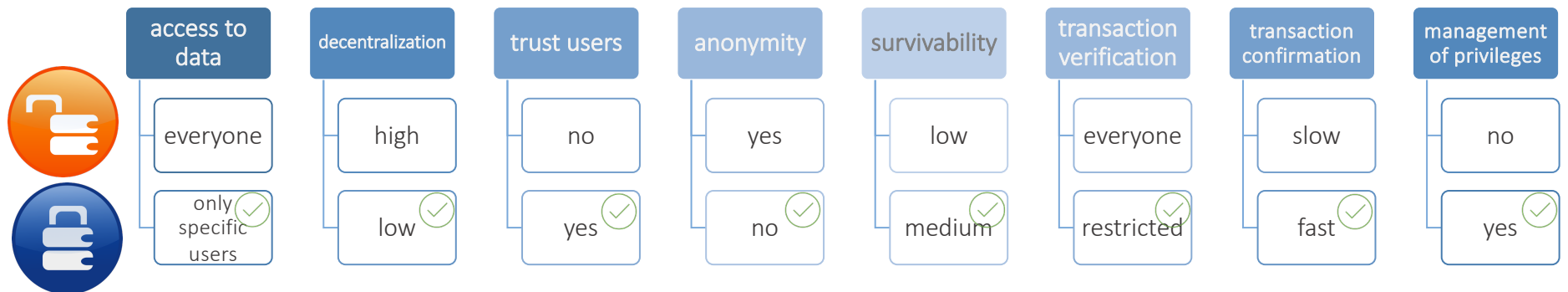
# Blockchain Technology Features



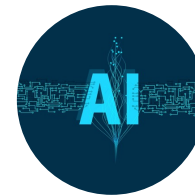
# Blockchain Technology Applications and Opportunities



# Public(permissionless) vs. Private(permissioned)



# Blockchain Technology Key Actors





# Transformation in NATO Logistics



*...the existence of operational necessity for digital transformation to achieve cross-domain operations, optimize effects and to conserve Command and Control superiority*

SACT, General Philippe Lavigne

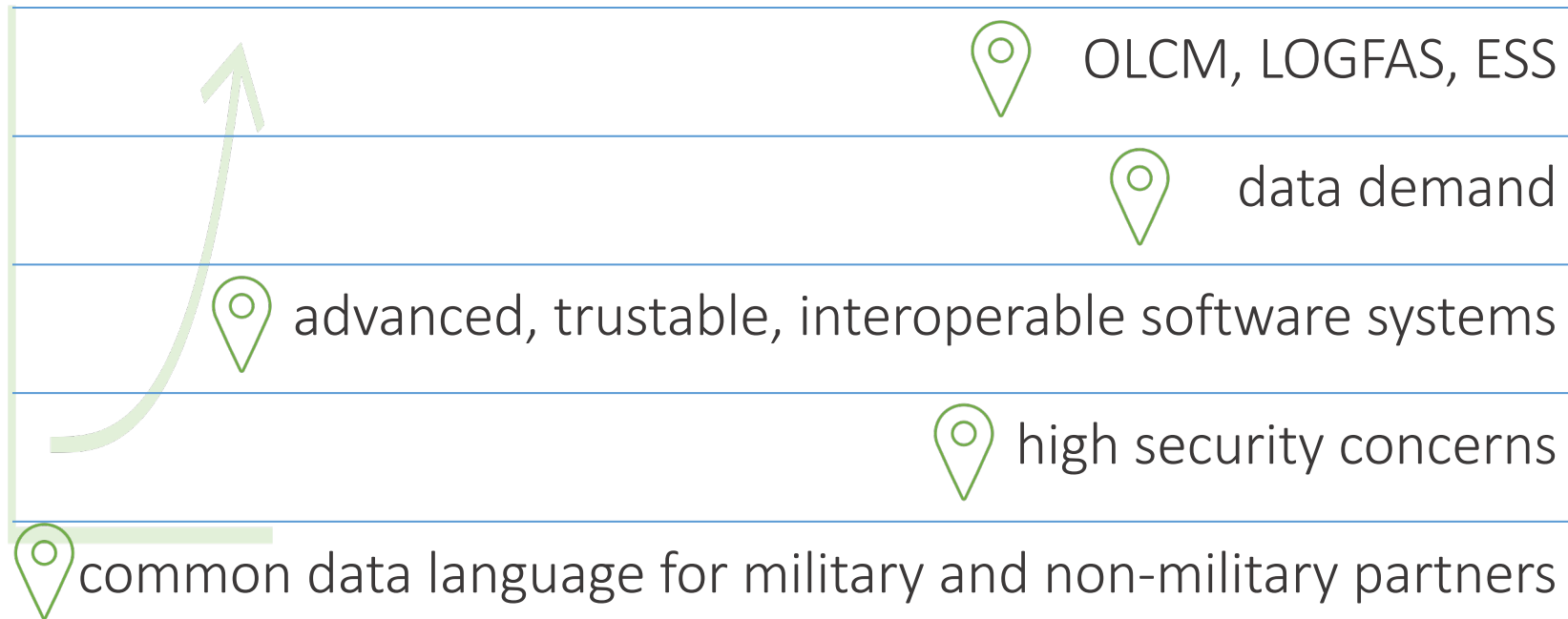
*...transforming the Alliances from a platform centric organization to a secure data centric organization.*



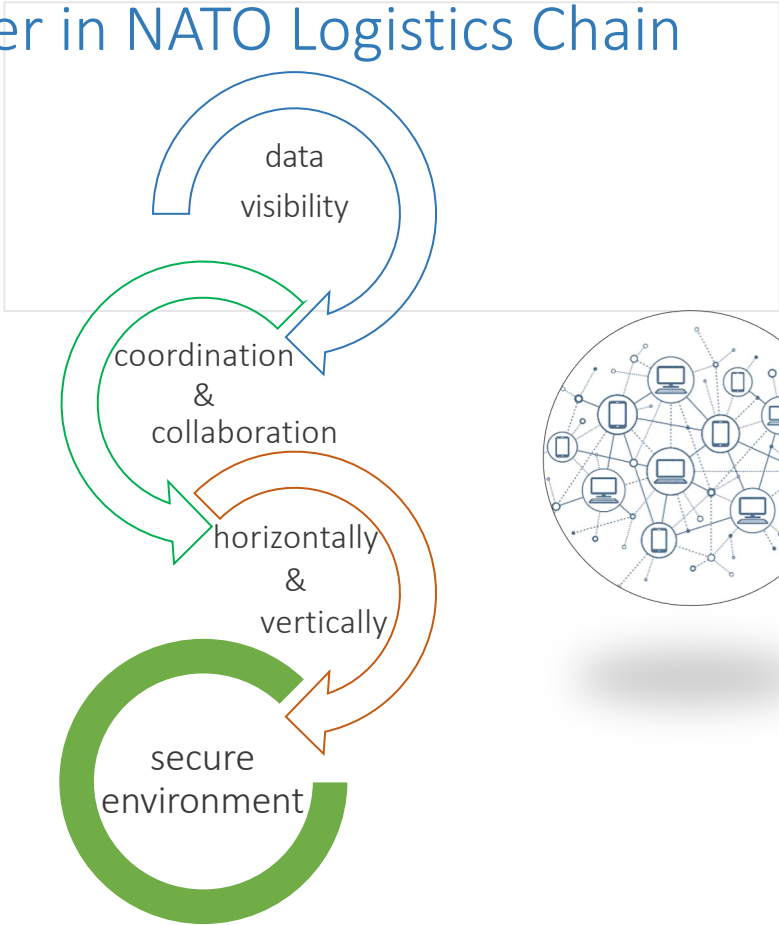
*..interoperability still remains essential for success, but it is not an obstacle*

DCOS CD, Lieutenant General David Julazadeh

## Where are we in NATO Logistics ?



# Decentralized and Trustable Ledger in NATO Logistics Chain



# Summary of the Survey **R E S U L T S**

*How can we transform and develop NATO logistics capabilities by using blockchain?*

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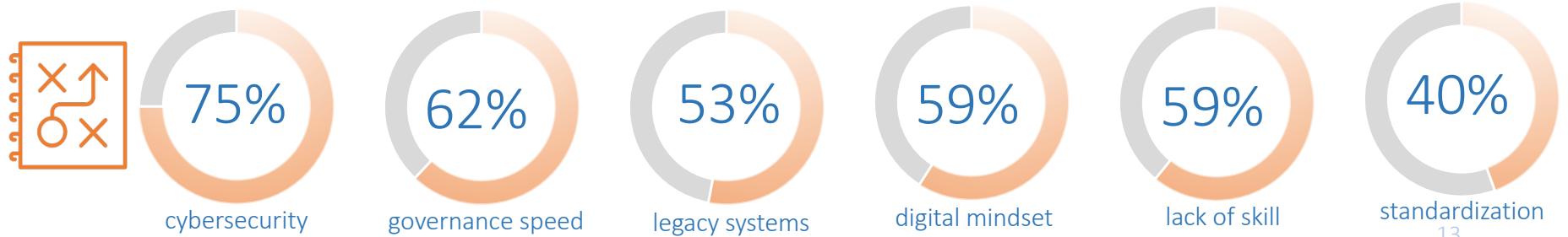
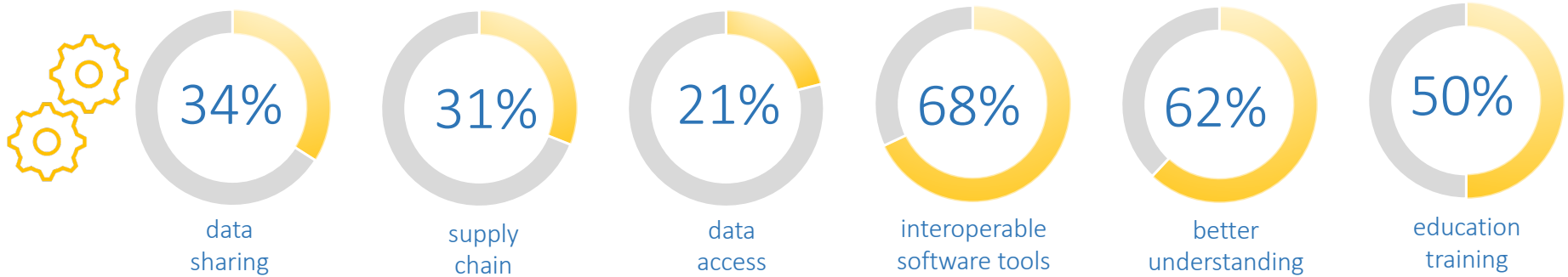
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# Summary of the Survey **R E S U L T S**



# Conclusion

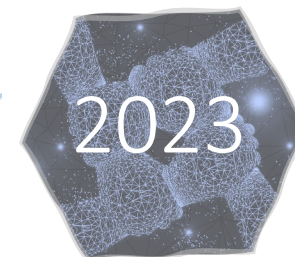
diversified technology portfolio

blockchain technology pros & cons

decentralized & trustable ledger

terminology & standards

humble ledger in NATO logistics chain





*Thank you!...*



*improving today  
shaping tomorrow  
bridging the two*



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