

Between  
**Traditional IT security**  
**National Defense**



**13/5/2017 23:00**

# Between Traditional IT security National Defense



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13/5/2017 23:00

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**February 2015**

# **Resolution 2444**

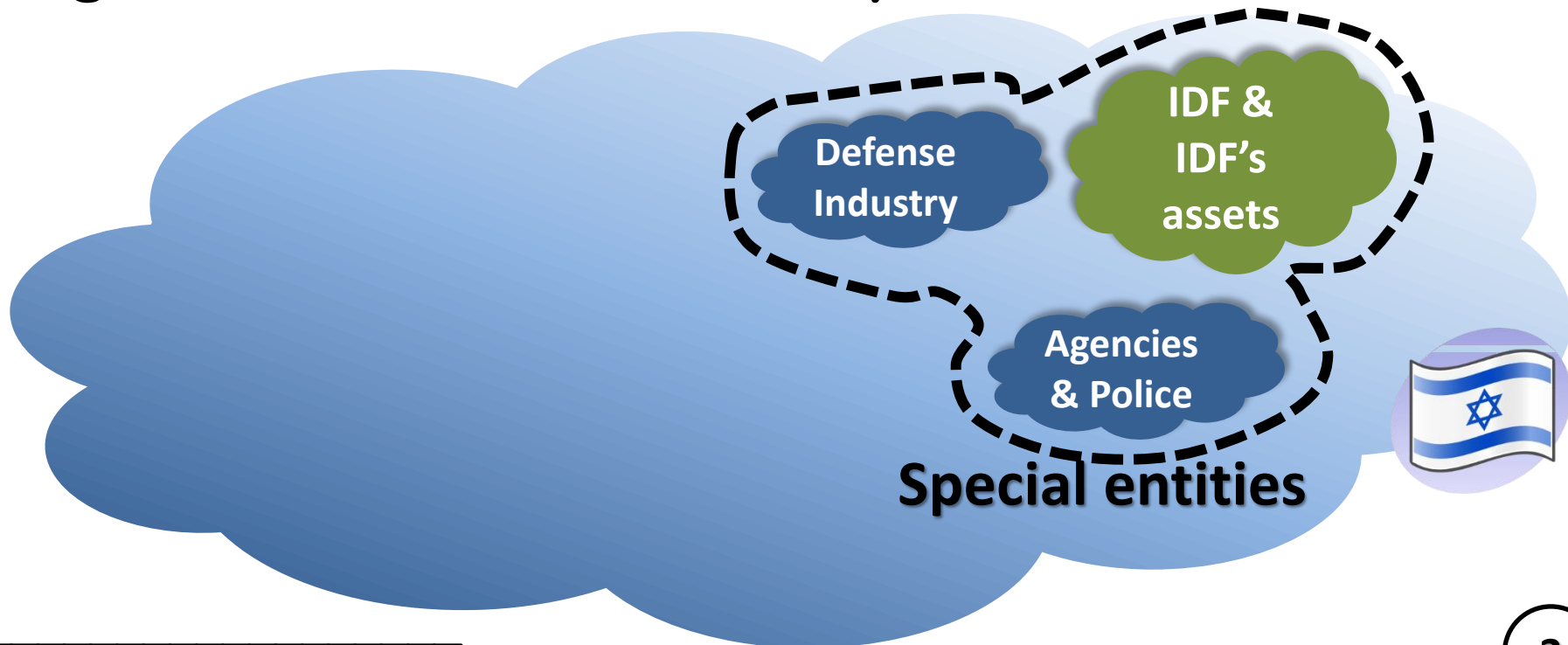


# Resolution 2444



# Scope of Cyber Space

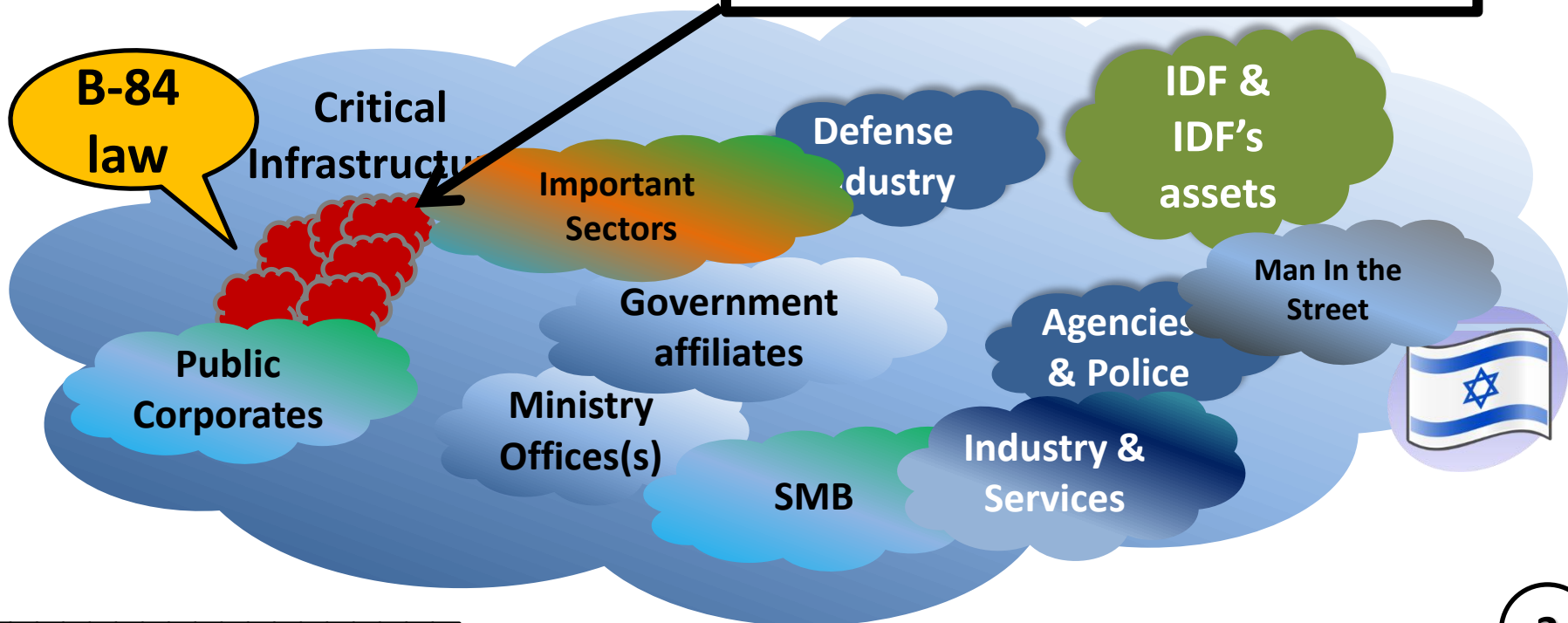
The Israeli cyber space refers to all processes and digital data that belong to Israeli organizations, entities, companies & individuals



# Scope of C

The Israeli cyber space and digital data organizations, entities,

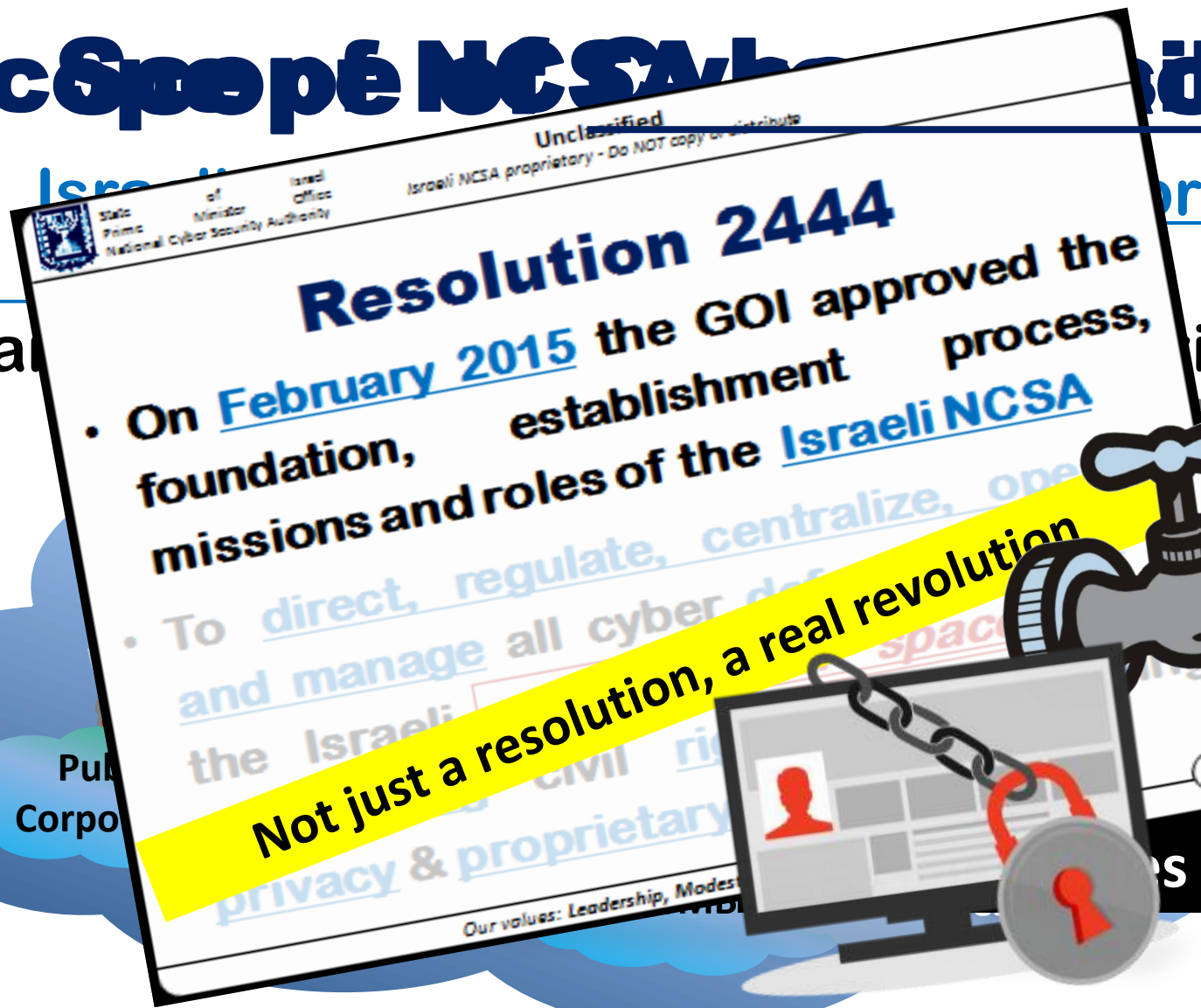
- Electricity company
- Water, Gas and other utilities
- Airport Authority
- Governmental systems
- **Biometric** storage
- More ...



# Scope of NCSA Authority

The  
and  
orga

Processes  
Israeli  
Individuals



**Not just a resolution, a real revolution**





# Implementation





# From a Control to Efficiency

> 100 attacks per month

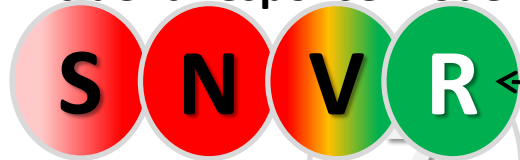
Metrics of Efficiency



Defense model

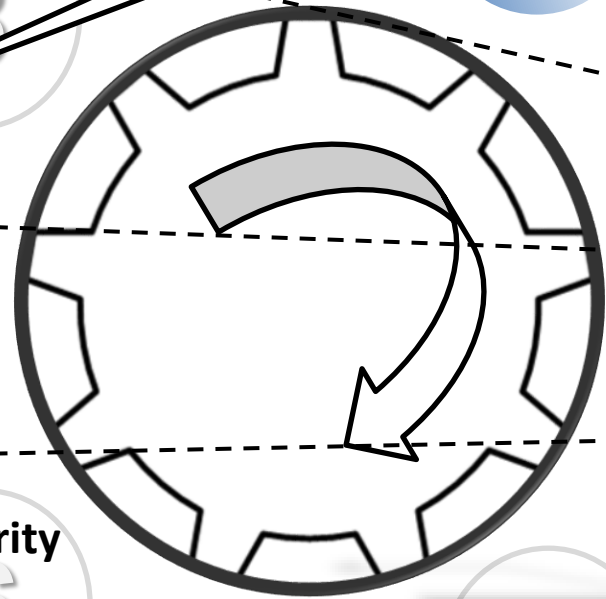
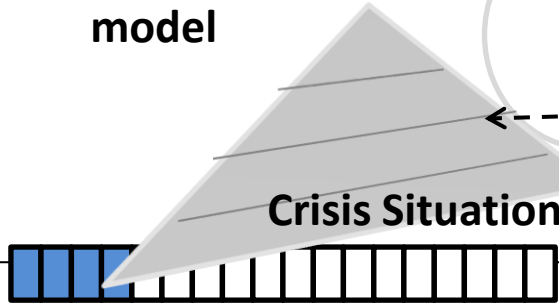


Incident Response model



National Processes Security model

Crisis Situation Control



**Defense**

- Defense Models**
- IR handling model**
- National processes security model**
- Cyber crisis management concept**

# From a Concept to Execution

## Cyber Emergency Response Team

**Technology**  
CERT & IR center

Financial & Energy  
CERTs



Beer Sheva  
the  
Cyber Center of Israel



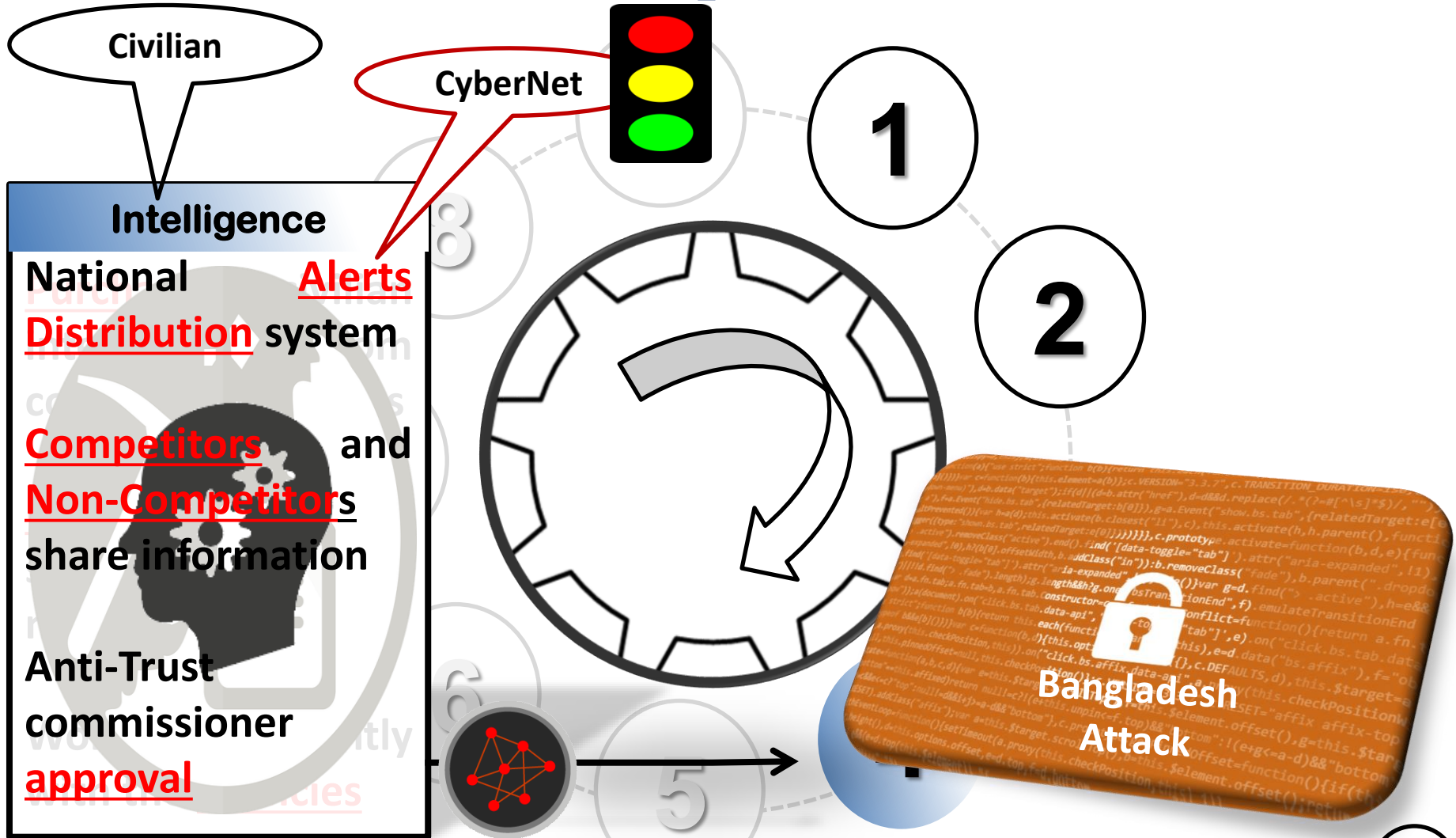
# From a Concept to Execution

## Access to Market

Critical Infrastructure by special law  
Sectors by ministerial units  
Specific companies throughout the regulators



# From a Concept to Execution



# From a Concept to Execution

Synergy

Signing Conventions

Round Table

Who does what and when ?

... with **police** (cybercrime)



.. with **ISA** (terror and espionage)



... with **IDF** (war and severe situations)...

CSA handles **attacks**, Police and ISA deal with **attackers**

.. and more



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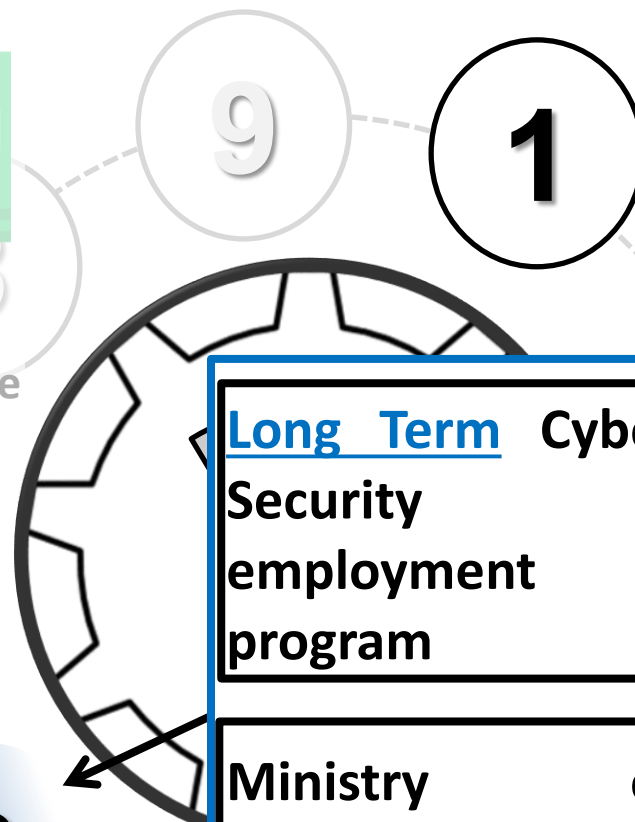
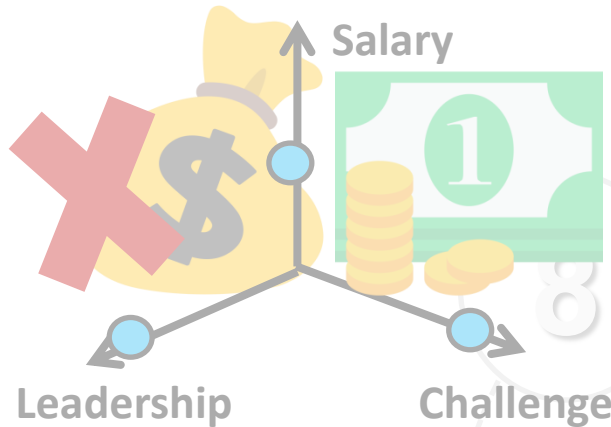


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# From a Concept to

~ 250 employees  
in 24 months...



Long Term Cyber  
Security  
employment  
program

Ministry of  
Education

Ministry of  
Economy

**Human Capital**

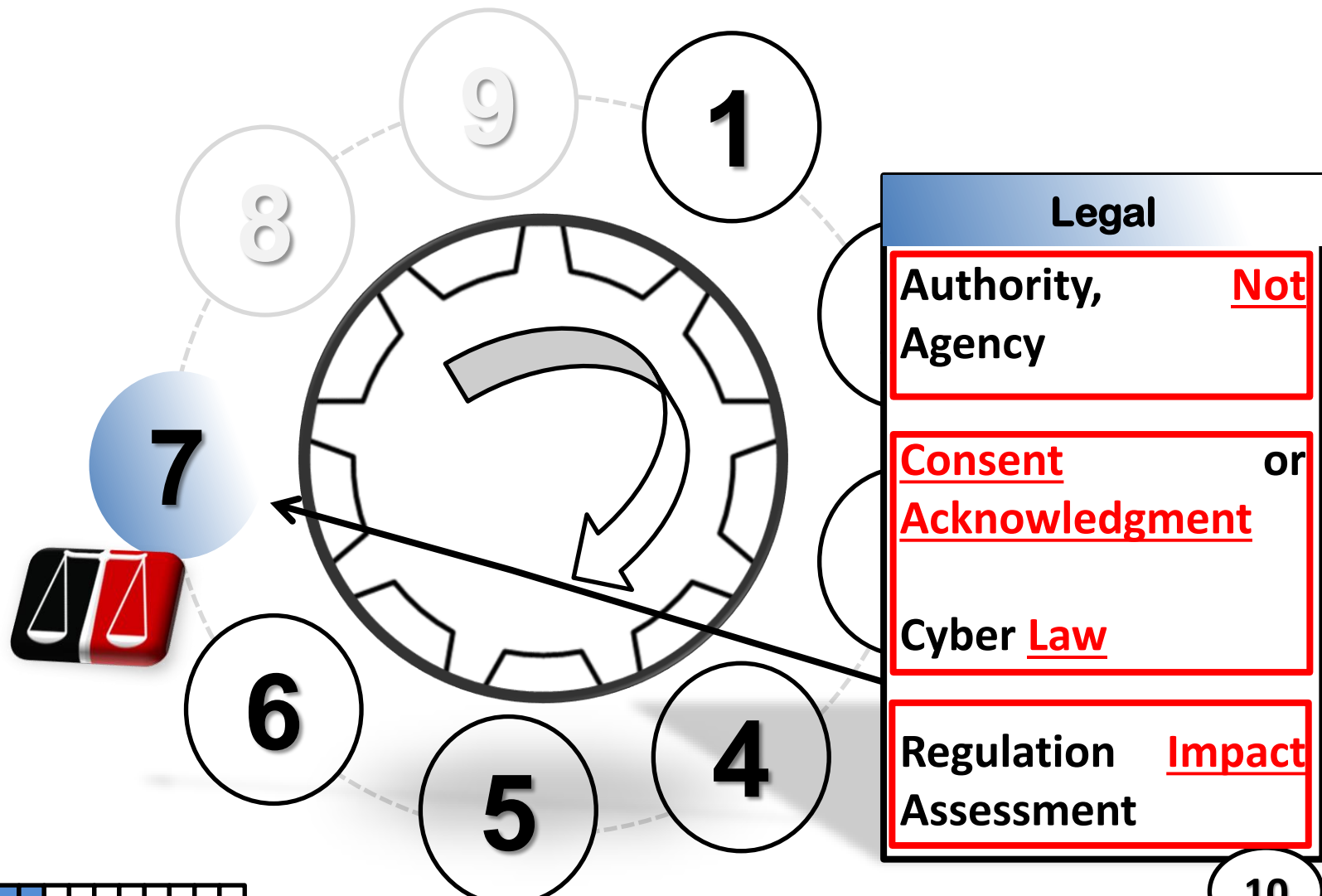
Stimulating competition w/industry

Fair salary, Challenges and Leadership

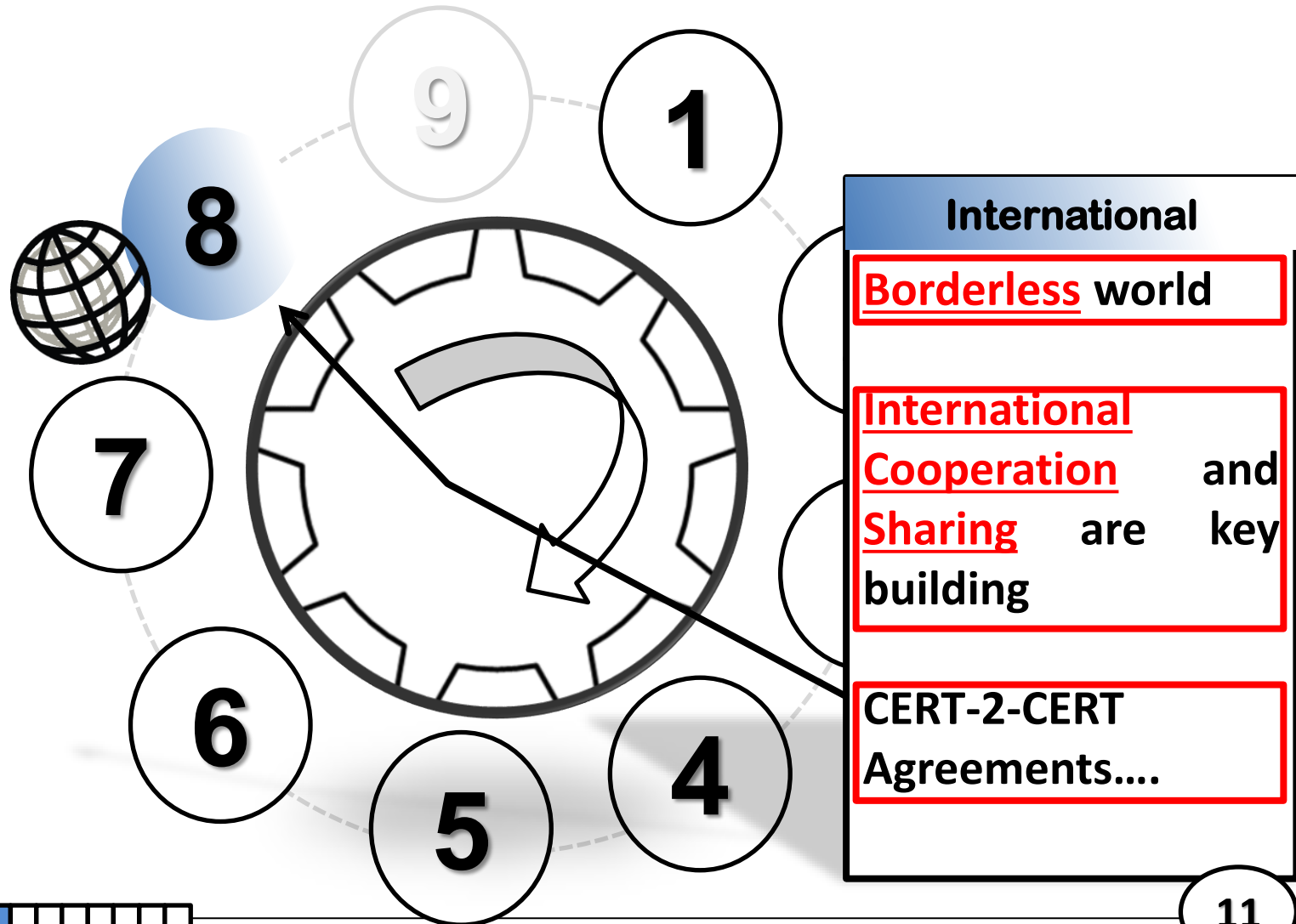
Expand human capital sources



# From a Concept to Execution

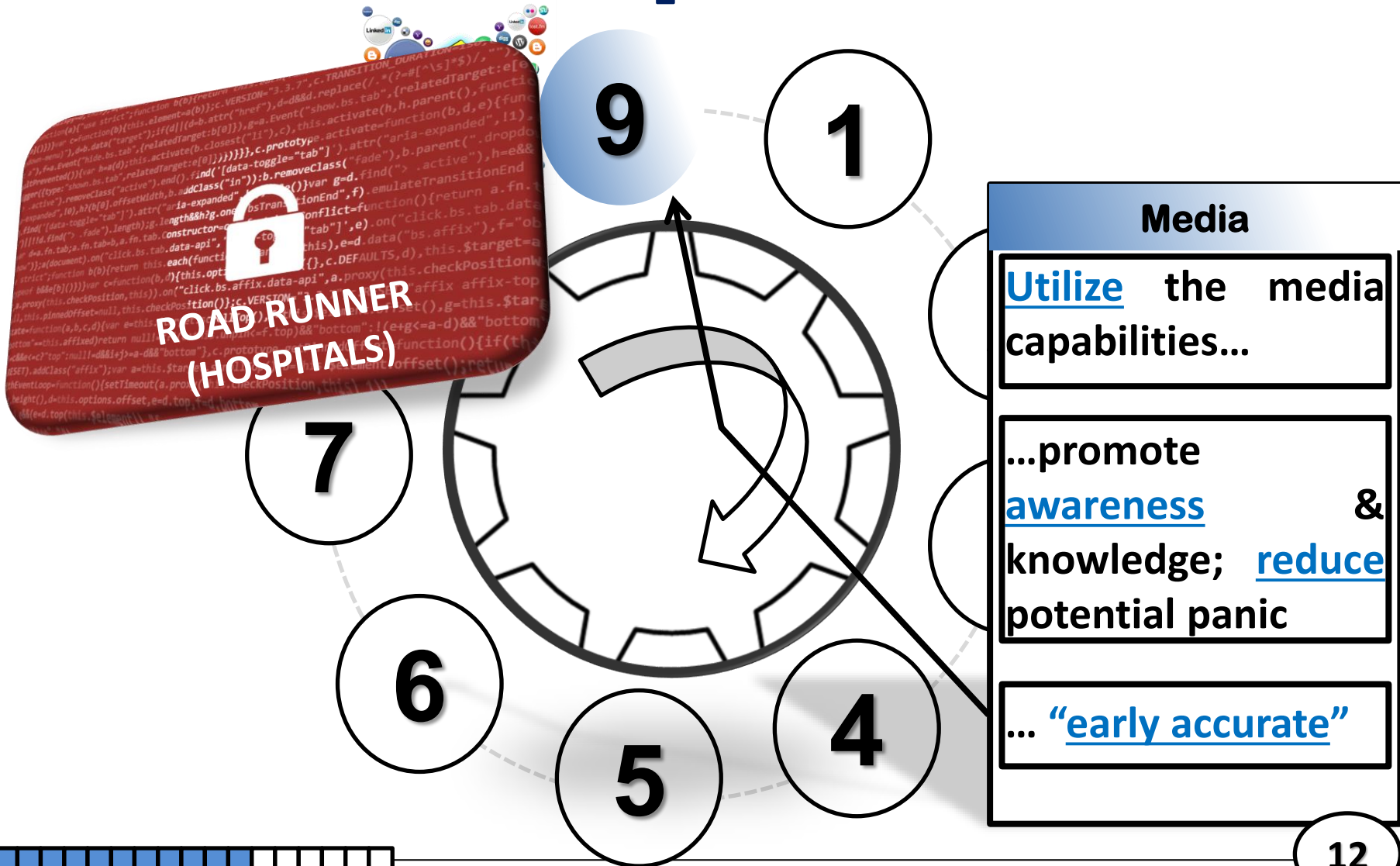


# From a Concept to Execution

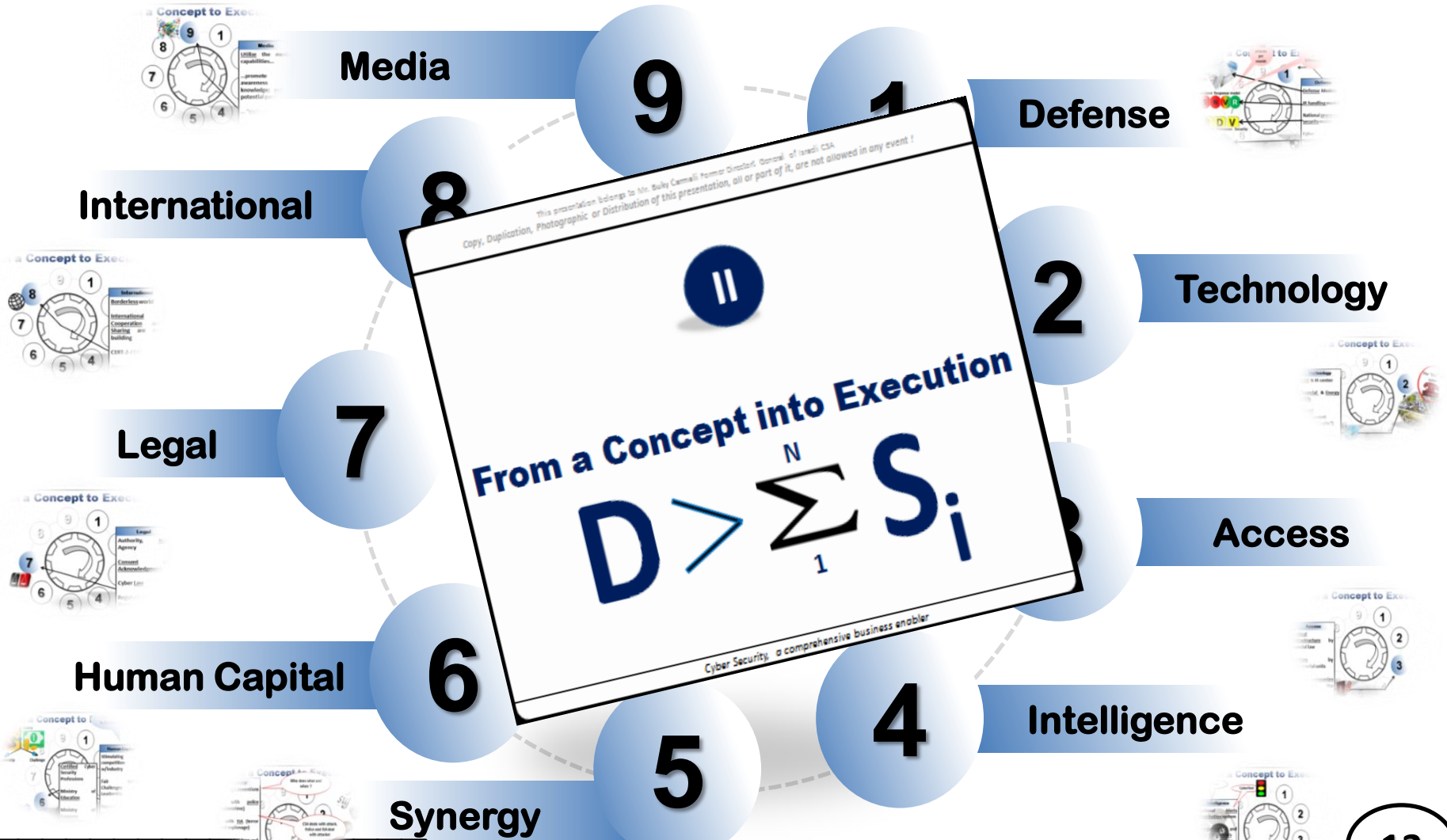




# From a Concept to Execution



# From a Concept to Execution





# Conclusion

# Conclusion (1/2)

- Technology is a growth engine; Cyber security is a business enabler
- Defending a Nation against cyber attacks vs. traditional Data & IT security ...
- Defending the Civilian space vs. Protecting classified assets ...
- 2444 is not another resolution... it's a real revolution
- Be first or be best ...



# Conclusion (2/2)

- We don't have a Cyber-Law ; and if we had ... ?
- Involvement of government in private market ... is there any relative edge ?
- From operational standpoint, focusing on critical – and critical only – bodies
- From knowledge and data viewpoints, apply market with best knowledge, information and methodologies
- From regulation standpoint, regulate certification and services





# Thank you !



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**Thank you !**