



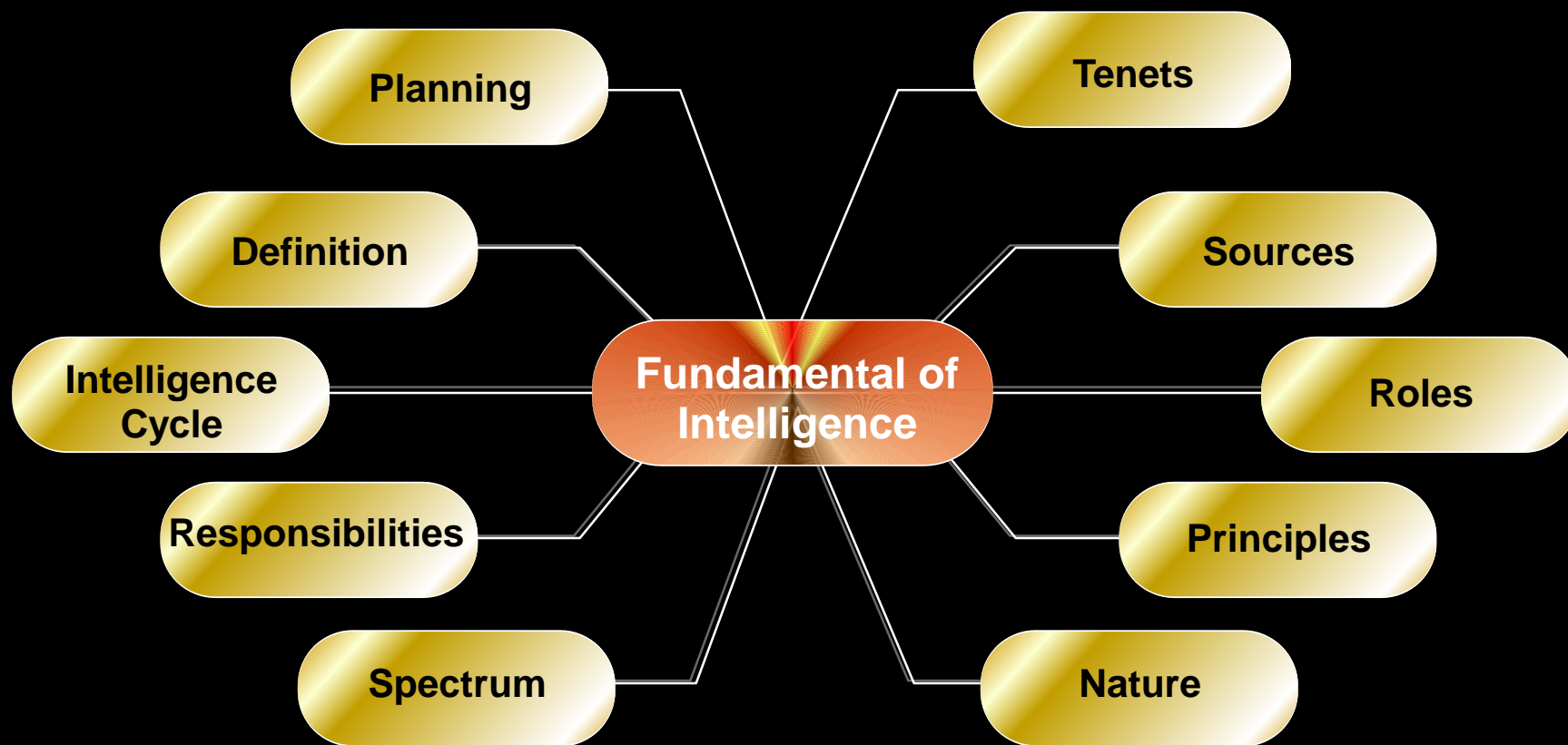
Battles are won even before the first bullet is fired

.....

all it takes is *Good Intelligence*



Fundamentals of Intelligence

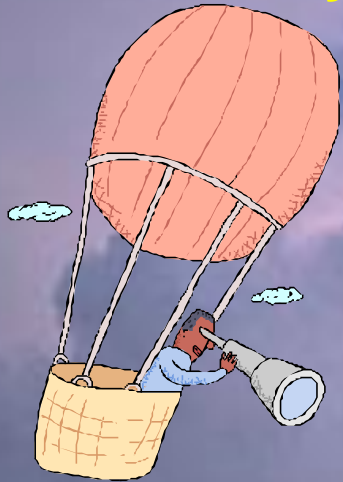




There is a story.....

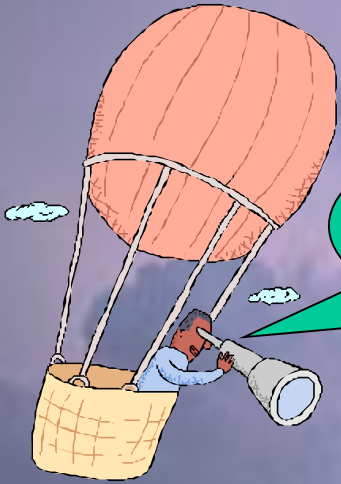
There was a story about a man in an air balloon who was flying around obviously without much clue where he was.

When from the air he spotted someone sunbathing on a balcony.....



He called out from his air balloon to the man on the balcony and asked,

**Hello...
Can you tell me
where I am?**



The sunbather looked up and said,

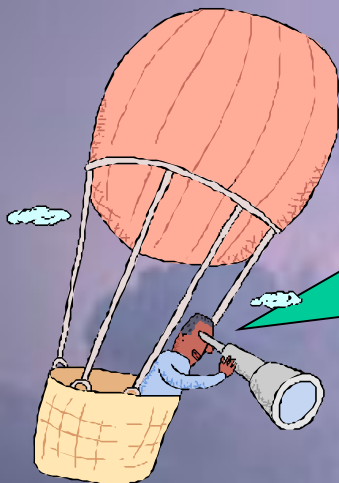


**You are in a hot air
balloon.**



Exasperated, the guy said,

**You must be from
Intelligence – what you just
told me was absolutely
correct, but it was also
totally useless!**



To which, the sunbather replied,



You're right. And you must be from Operations - you're lost, you don't know where you're going, and you're blaming it on Intelligence!





Introduction to Intelligence



Warning



This lecture is “DRY”, it may cause drowsiness and put you to zzzzz.

It contains a lot of text that is hard to understand, difficult to memorise and will be tested.



Scope of Lecture



Introduction

Define Military Intelligence

List the Tenets of Intelligence

Explain the Principles of Military Intelligence

Roles of Military Intelligence

Nature of Military Intelligence

Spectrum of Military Intelligence

Recap



Introduction



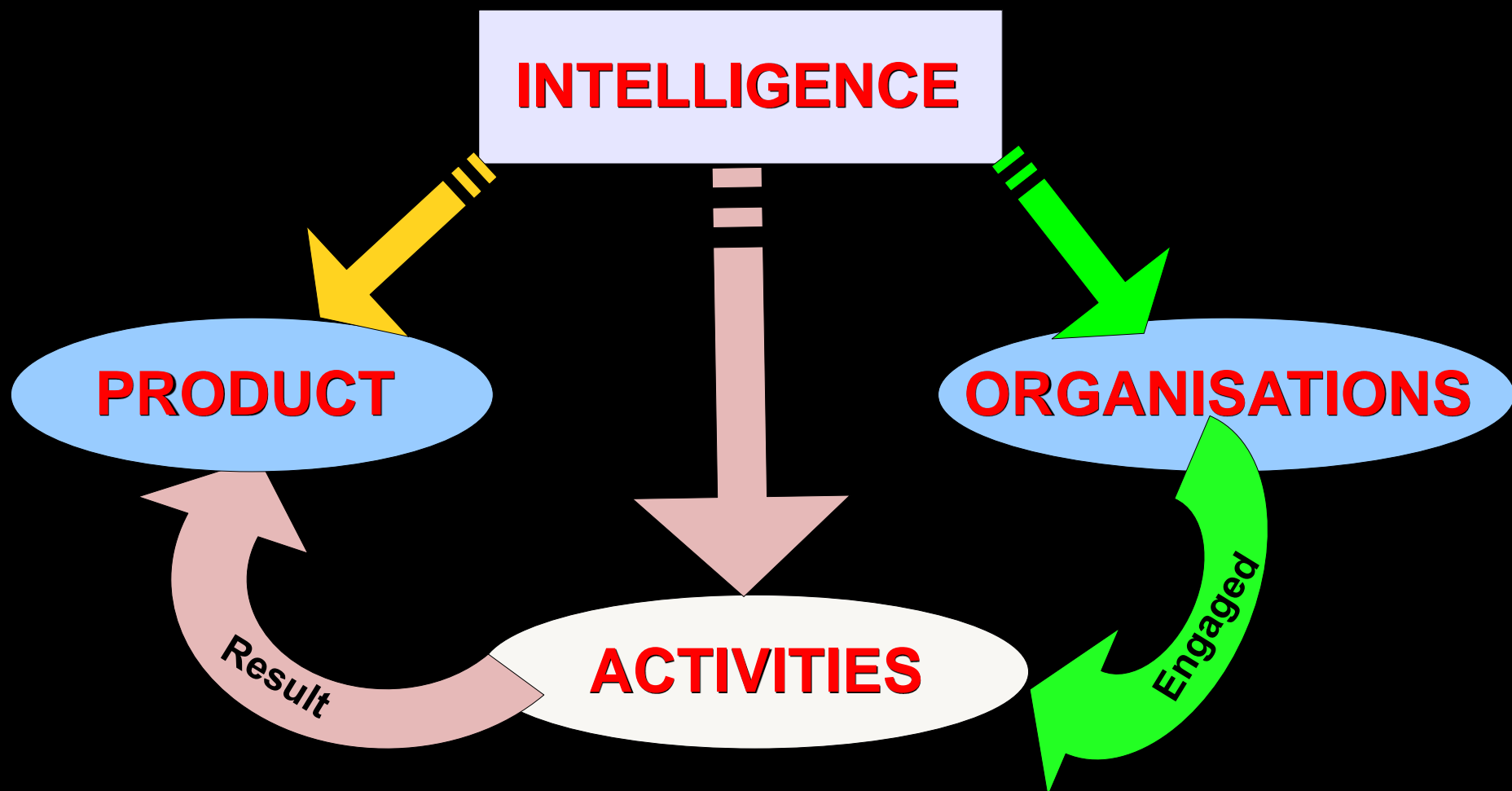
What is Intelligence?



Intelligence ?



What is Intelligence?





What is Intelligence?

PRODUCT

resulting from

**Collection, Processing, Integration, Analysis, Evaluation
and Interpretation**

of available information concerning

**Foreign Countries, Hostile or Potentially Hostile Armed
Forces**

or

Areas of Actual or Potential Operations.



What is Intelligence?



Military Intelligence

Intelligence on any foreign military or military-related situation or activities.

Significant to:

- Military policy making.
- Planning and conduct of military operations and military activities.

In Short..

“Information and Knowledge” of a military adversary obtained through observation, investigation, analysis and understanding.



What is Intelligence?

Decisive factor in war

Accurate and Timely Intelligence

Success in war depends significantly on

Information and Intelligence about the adversary and operational area.

National and Joint Level Focus on:

Capabilities, Intentions and Areas of Interest



What is Intelligence?



Information = Intelligence?

Information – Unevaluated material of every description including that derived from observations, communications, reports, rumours, imagery and other sources from which intelligence is produced.



Tenets of Intelligence



Fundamental Standards against which performance of intelligence personnel and organisations must be judged

Timeliness

Accuracy

Usability

Completeness

Relevance



Tenets of Intelligence



Fundamental Standards against which performance of intelligence personnel and organisations must be judged

Timeliness

Late Intel = No Intel

Accuracy

Objective

not shaped to conform to Comdr's



Tenets of Intelligence



Usability

Tailored to specific needs

Immediate comprehension

Completeness

Answer questions to the fullest degree possible

Relevance

Must aid Comd decision, accomplish mission



Principles of Military Intelligence



*Adversary & Operating Environment are **NEVER CONSTANT***

Counter Intelligence Measures

Compartmentalisation is bad for Complete Intelligence Picture

Therefore there is a need to....



Principles of Military Intelligence



1. Understand the Threat Well

Overestimation = Waste Resources

Underestimation = Opportunity to surprise

2. Understand the Environment Well

*Factoring Political & Sociological situation, Time & Space
into the **Threat Assessment***

To minimise environmental influences and constraints



Principles of Military Intelligence



3. Constant Review of Assessment

Changes in information collected over time>>>

>>>Changes to Assessment Plan

4. Maintain Secrecy

Valuable Intel when target not aware

Legality Issues

Protection from Countermeasures



Principles of Military Intelligence



5. Unity of Effort

*Required due to Compartmentalisation
In Collection, Analysis and Dissemination*



Roles of Military Intelligence



Roles of Military Intelligence



2 Roles ?



Roles of Military Intelligence



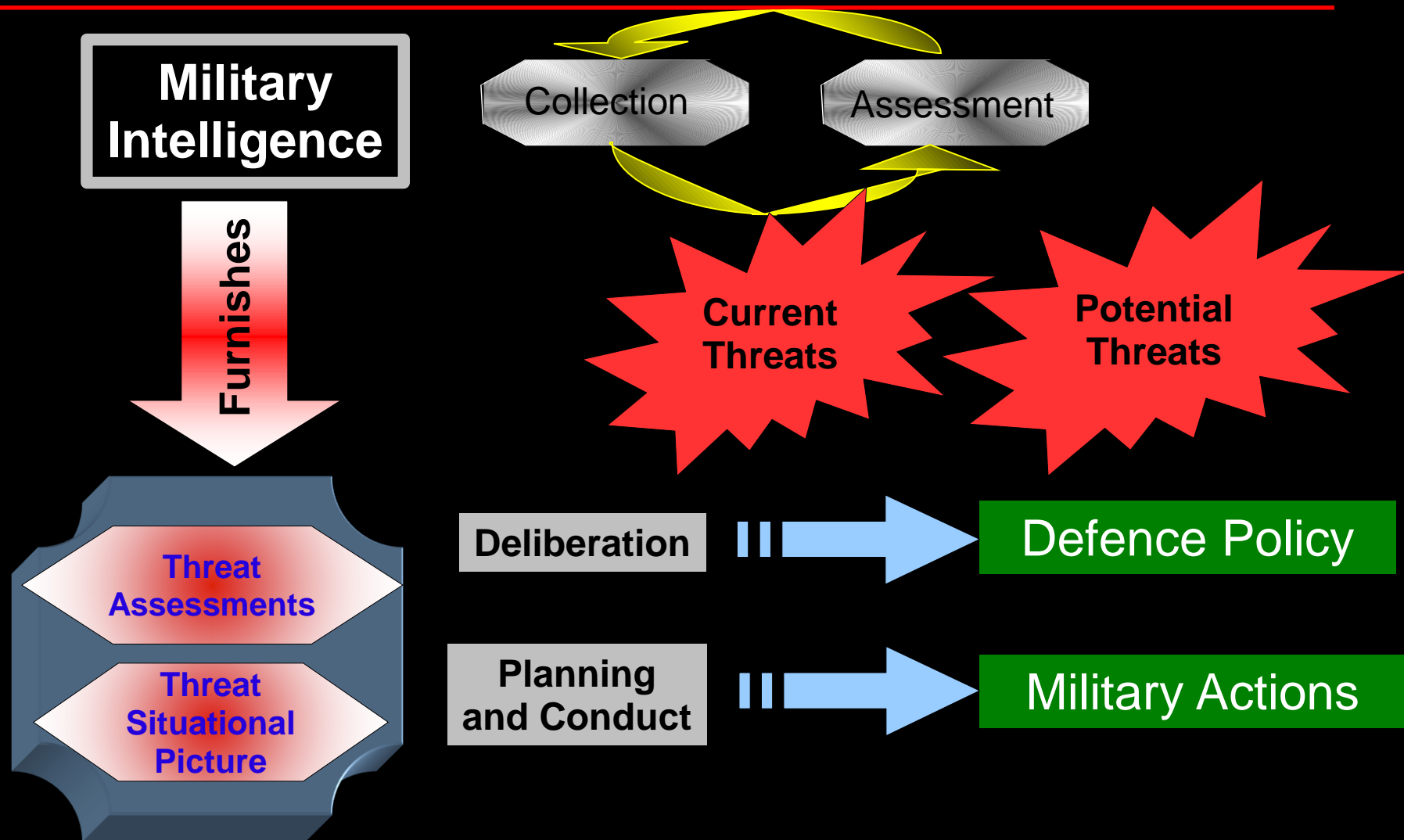
2 Roles ?

Provides Early Warning
Prevention of Surprises

Supports Military Operations
Assists Operational Planner to
formulate the best OCA



Roles of Military Intelligence





Roles of Military Intelligence

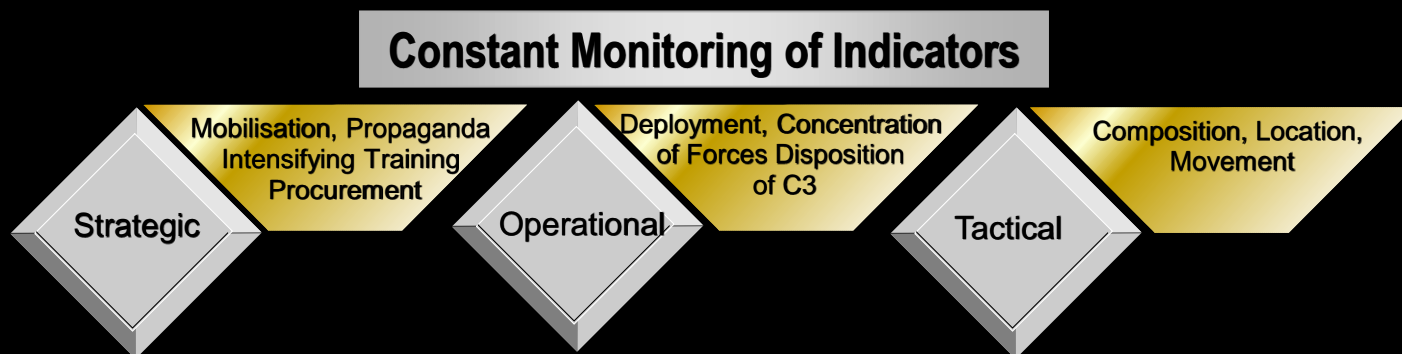


Early Warning

Guards against fundamental surprise

Emerging military threats must be identified early for timely and effective military responses.

This requires real-time **monitoring** and **assessment** of currently known threats and **identifying** of potential military threats well before they sprout real military threats





Roles of Military Intelligence



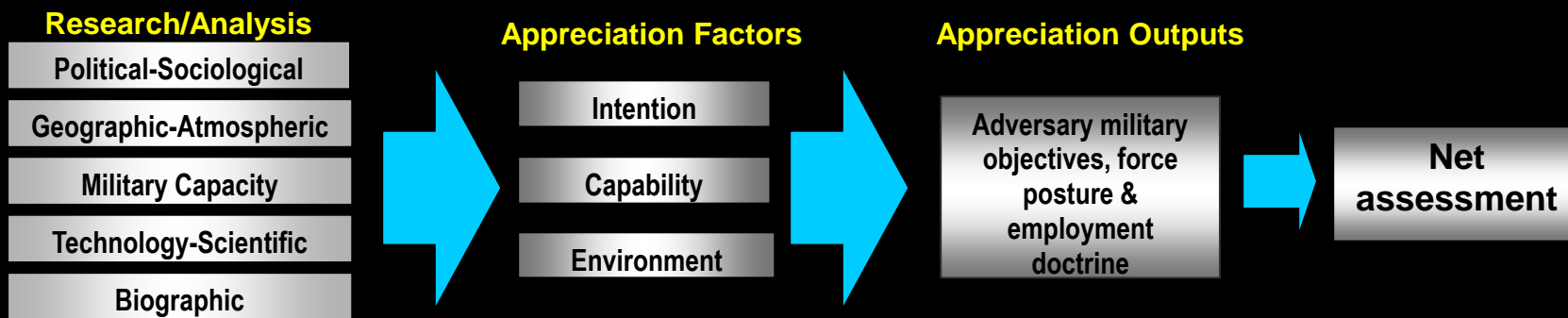
Supports Military Operations

Visualise the operational environments and adversaries

Makes assessments on the adversary's **centre of gravity, strengths** and **vulnerabilities** assist operational military planners to formulate the best courses of actions.

+

Enable Commanders to focus and leverage combat power and to determine acceptable risk.





Roles of Military Intelligence



Peacetime

During peacetime operations, intelligence helps commanders make acquisition choices, protect technological advances, shape organisations and design training to the Joint Force.

OOTW

During operations other than war, intelligence helps the Task Force HQs decide which forces to deploy; when, how and where to deploy them in a manner that the mission can be accomplished at the lowest cost.

Wartime

During war, intelligence provides the CHQ with:

- Adversary's capabilities
- Adversary's centre of gravity
- To focus and leverage combat power and to determine acceptable risk.

Intelligence provides insights concerning exploitable opportunities to defeat the adversary and helps the Commanders to clearly define the desired end state and determines when that end state will be achieved.



Nature of Military Intelligence



Nature of Military Intelligence



Related to National Intelligence

Military Intelligence operates within the national intelligence framework. Its assessment of threats is not practical without inputs from national intelligence.
National Intelligence collection provides crucial information on foreign military.
National intelligence research provides the contextual framework on foreign military.

Need for Intelligence

For any missions or operations, intelligence support is needed at all levels, both horizontally and vertically.
Military Intelligence at different warfare levels and in support of different military operations must complement and supplement each other.

Military Threats

Military threats exist only in the presence of both threat physical potentiality and intention.
Military Intelligence must be physical-centric and intention-centric.

Intelligence Focus

Military Intelligence primarily focuses on physical potentialities rather than intentions.
Military Intelligence also focuses on operating environment where military action will be prosecuted.

Intelligence Effort

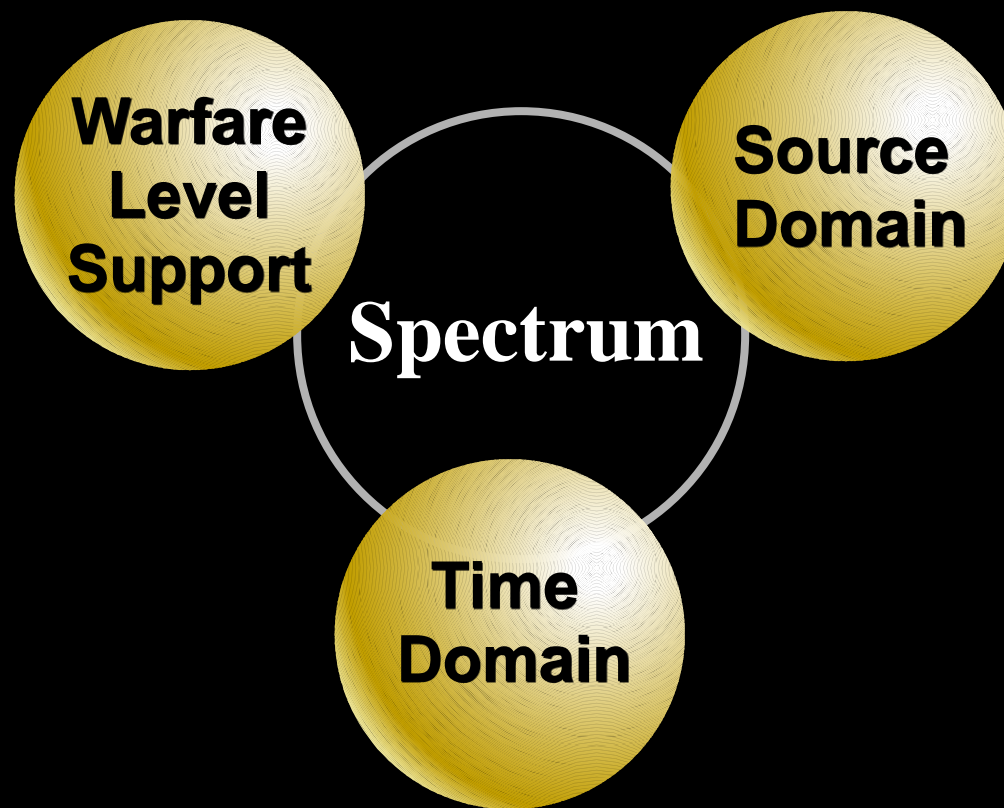
No single source of information can provide all relevant items of information.
Large part of military intelligence is focused on intelligence collection.
Diverse range of collection assets and information sources.



Spectrum of Intelligence



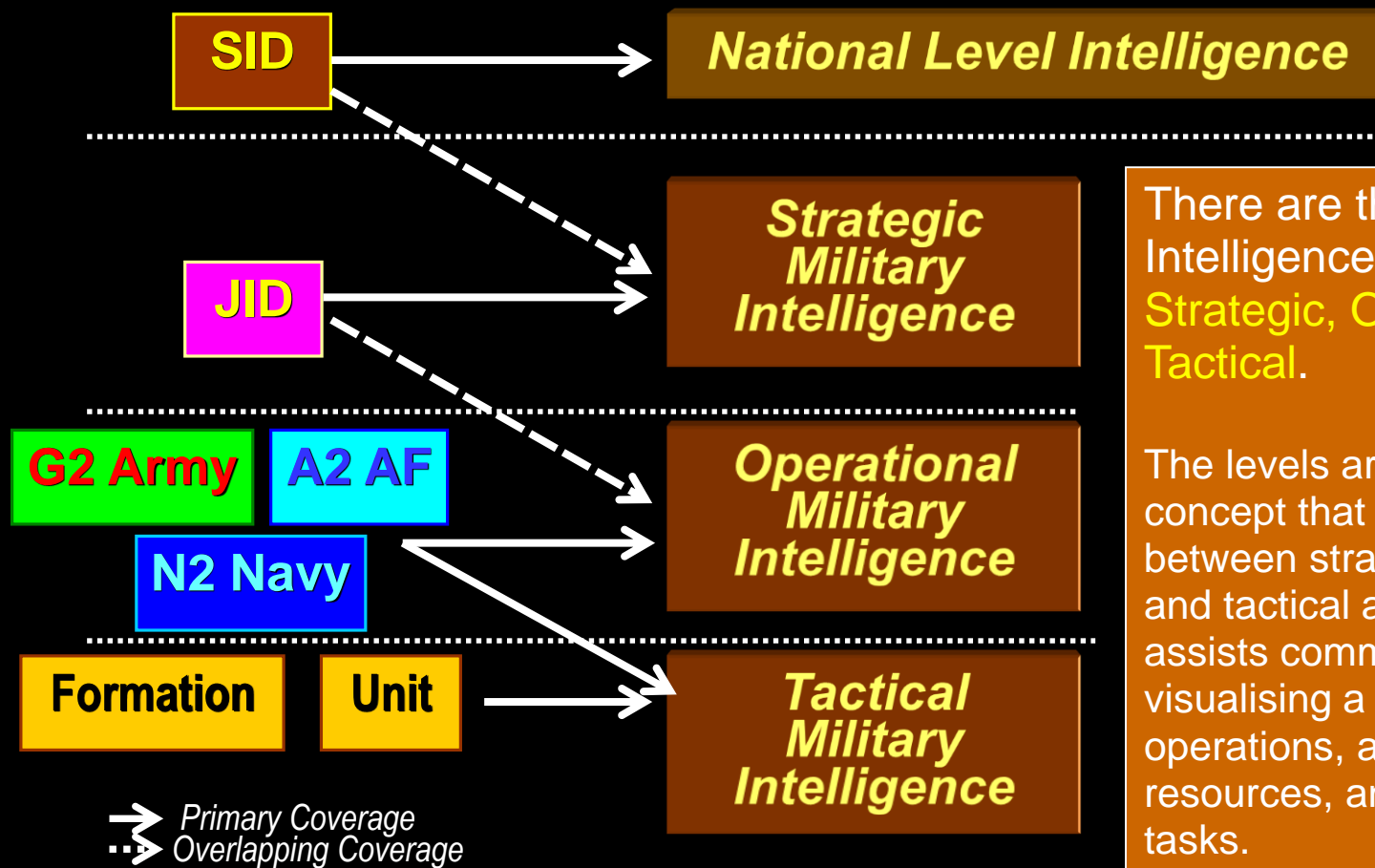
Spectrum of Intelligence





Spectrum of Intelligence

Level of Intelligence



There are three levels of Intelligence support: **Strategic, Operational and Tactical.**

The levels are doctrinal concept that explains the links between strategic objectives and tactical actions and assists commanders in visualising a logical flow of operations, allocating resources, and assigning tasks.



Spectrum of Intelligence





Spectrum of Intelligence



Time Domain

Military Intelligence may be classified into:

Basic Intelligence

Current Intelligence

Critical Intelligence



Spectrum of Intelligence



Time Domain

Basic Intelligence

Intel/Info depository
Reference material for operational
planning and evaluating subsequent
info relating to the same subject

Hypothesis

What

Intelligence concerning the **general** situation, resources, capabilities and vulnerabilities of foreign forces.

When

Produced before potential military threats turn into real military threats. It takes time to develop.



Spectrum of Intelligence



Time Domain



What

Intelligence of all types and forms of immediate **military interest**. Current military strategic, operational or tactical situation.

When

Usually disseminated without delays in its crudest form without complete evaluation or interpretation.



Spectrum of Intelligence



Time Domain



What & When

Intelligence that is crucial and requires the **immediate attention** of a military commander.

Why

To enable a military commander to **make decisions** that will provide a timely and appropriate response to actions by a potential or real enemy.



Spectrum of Intelligence



Source Domain

Military intelligence is often classified according to the information sources from which intelligence is derived.

Signal Intelligence (SIGINT)



Imagery Intelligence (IMINT)



Measurement & Signature Intelligence (MASINT)



Human Intelligence (HUMINT)



Open Source Intelligence (OSINT)



Restricted



Recap



What are the Principles of Intelligence?

What are the Tenets of Intelligence?

What are the Roles of Military Intelligence?

Military threats only exist when there are presence of _____ and _____.

What are the military intelligence in time-domain?



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