



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère d'État
Centre de Communications du Gouvernement

PSCE Conference AMSTERDAM
Tuesday, November 30th
Case Study Luxembourg

Case Study LUXEMBOURG

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Chairman Comité National des
Télécommunications (CONATEL)



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Case Study Luxembourg

PSC Case Study Luxembourg

1. Where do we stand today?
2. Vision
3. Proposed way ahead



1 Where do we stand today?

Who is involved so far?

Requirements

Governance

Implementation

What do we have ?

Technologies and capacities

Procedures

Planning cycle

What is missing?



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Who is involved so far?

PSC in traditional view:

Agencies on government owned radio:

Police, Civil Protection, Fire brigades, customs,
National Protection (Government Communication
Center) + special applications



Who is involved so far?

PSC in broader view:

Agencies on government owned radio:

Police, Civil Protection, Fire brigades, customs,
National Protection (Government Communication Center) + special applications

Departments and agencies on integrated alerting

Next slide

Departments and agencies on POTS and GSM(UMTS)

All

Departments and agencies on web based services ?????

All



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Ministère du développement durable et des Infrastructures

Administration des Ponts et Chaussées

Direction de l'Aviation Civile

Service de la Navigation

Administration de l'Environnement

Ministère de la Santé

Direction de la Santé

Division de la radioprotection

Ministère d'Etat

Centre de communications du gouvernement

Haut-commissariat à la protection nationale

Ministère de l'Intérieur

Administration de la gestion de l'eau

Administration des services de secours

(+ autorités locales)

Ministère des Affaires étrangères

Armée HQ Staff; Armée Sitcent

Ministère des Finances

Administration des Douanes et Accises

Ministère de la Famille et de l'Intégration

Division personnes âgées

Ministère de la Fonction publique

Centre des technologies de l'information de l'Etat

Min de l'Education nationale

Ministère de la Justice

Parquet général

Administration judiciaire: Cité judiciaire

Ministère des Affaires étrangères

Armée HQ Staff; Armée Sitcent

Ministère des Finances

Administration des Douanes et Accises

Ministère de la Famille et de l'Intégration

Division personnes âgées

Ministère de la Fonction publique

Centre des technologies de l'information de l'Etat

Min de l'Education nationale (planning)

Ministère de la Justice

Parquet général

Administration judiciaire: Cité judiciaire



Requirements

Today's requirements are often defined by the procedures at hand. Routine work is accomplished at satisfactory level.

Governance

Governance is based on pre 1990ies capabilities

Implementation

Discussions about TETRA deployment started 20 years ago. Commercial TETRA available in part of national territory. GSM used as ad hoc solution.



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What do we have ?

Technologies and capacities

Procedures

Planning cycle

What is missing?



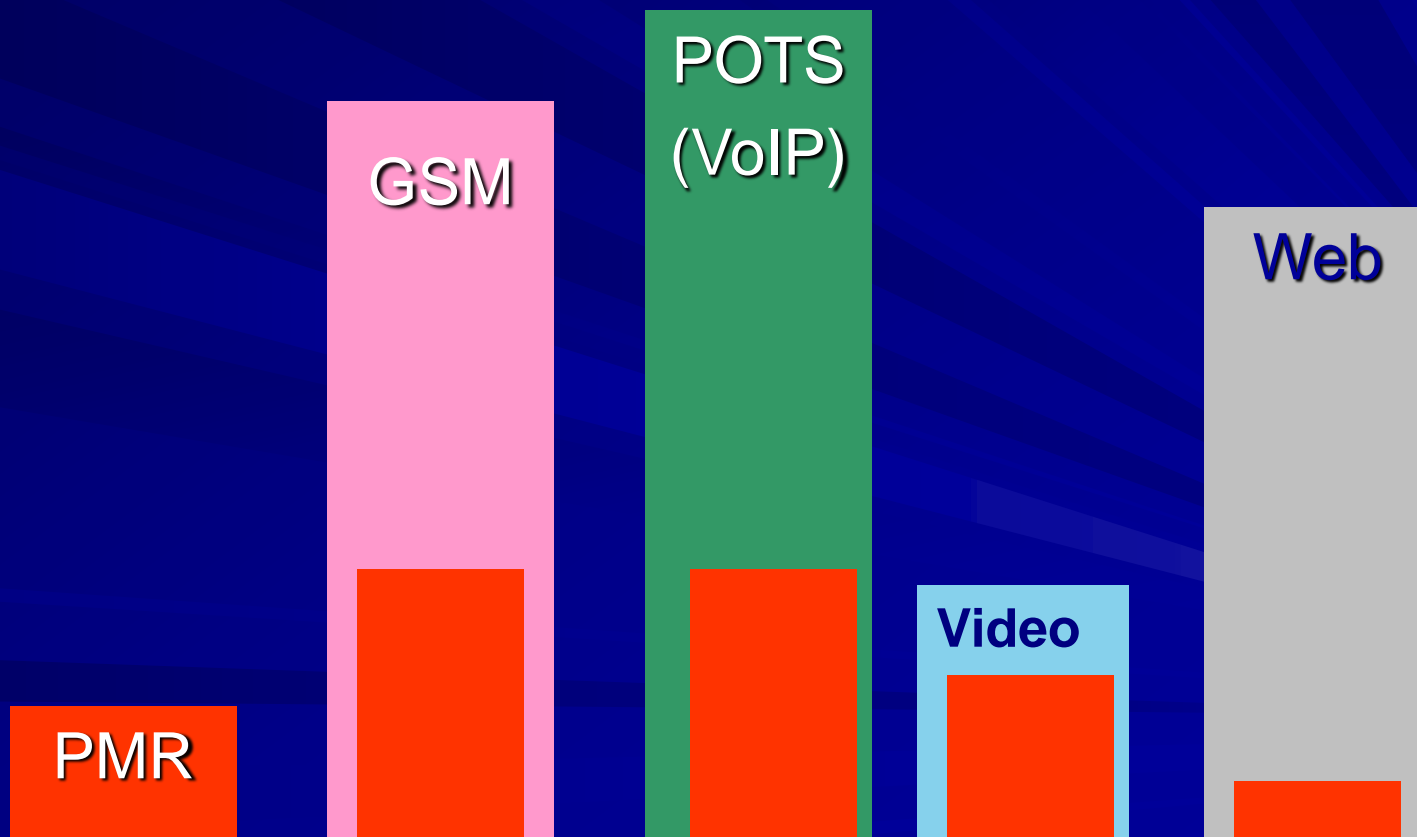
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PSC
use

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Technologies and capacities

Number of agencies





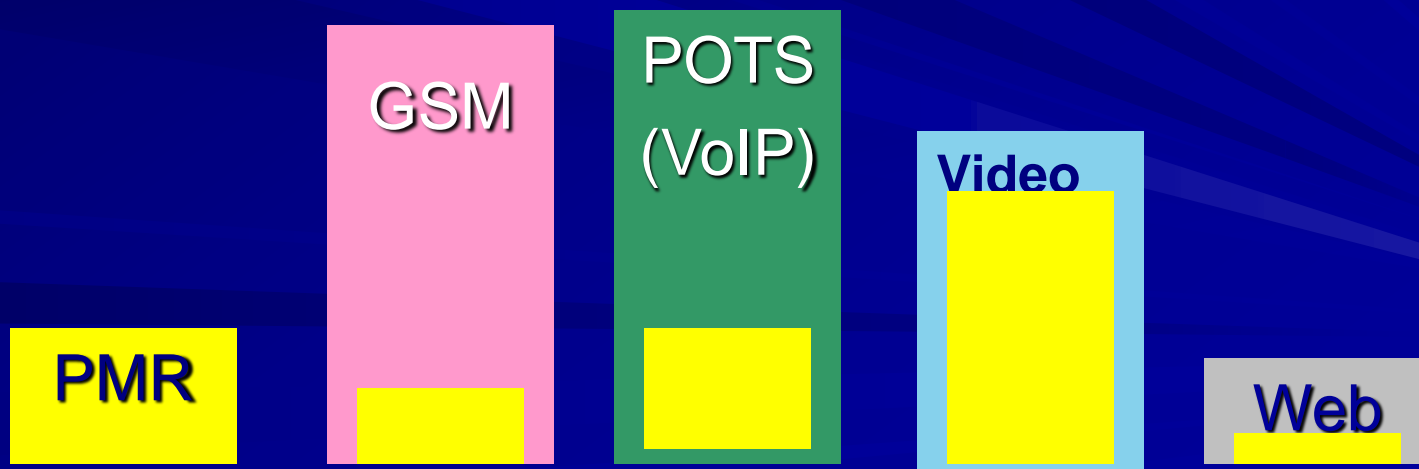
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Proce
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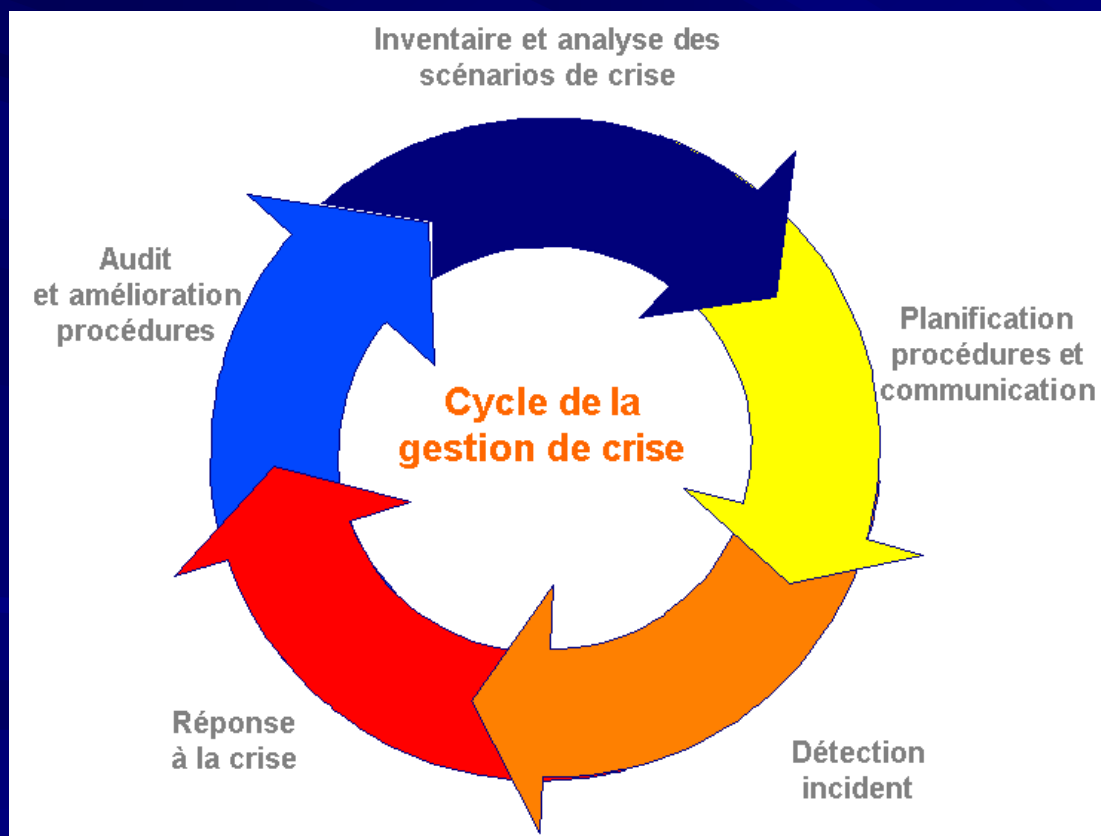
Procedures

Number of agencies





Planning cycle



The planning cycle
is broken!

Many reasons!

Improved audit and
analyses tool may
facilitate the
planning cycle!



1.3 What is missing ?

Nothing if compared to what was possible in the past (< 1990)

Efficiency, scalability and interagency coordination if compared to commercial and industrial standards of today!



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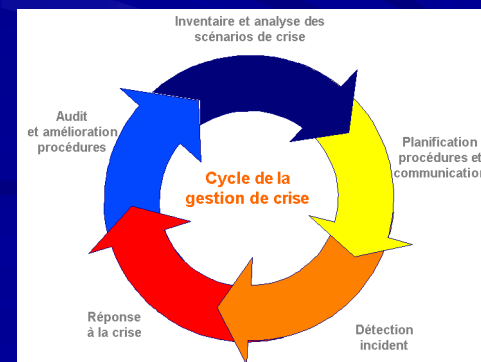
2 Vision Requirements

Routine work is
training for large
events

Attention
Information
overkill

Scalability
Situational
awareness
Data repository
Planning cycle

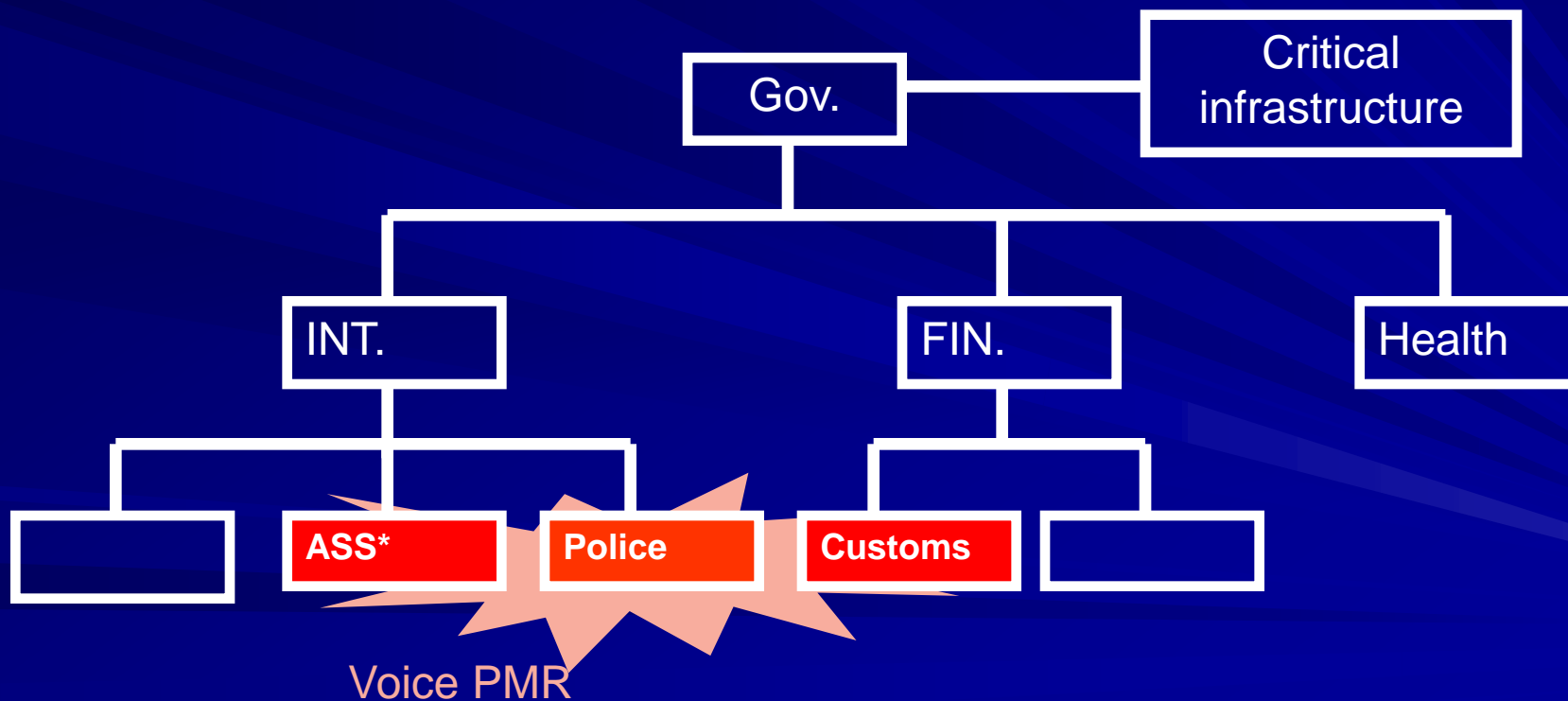
Information
management





2 Vision

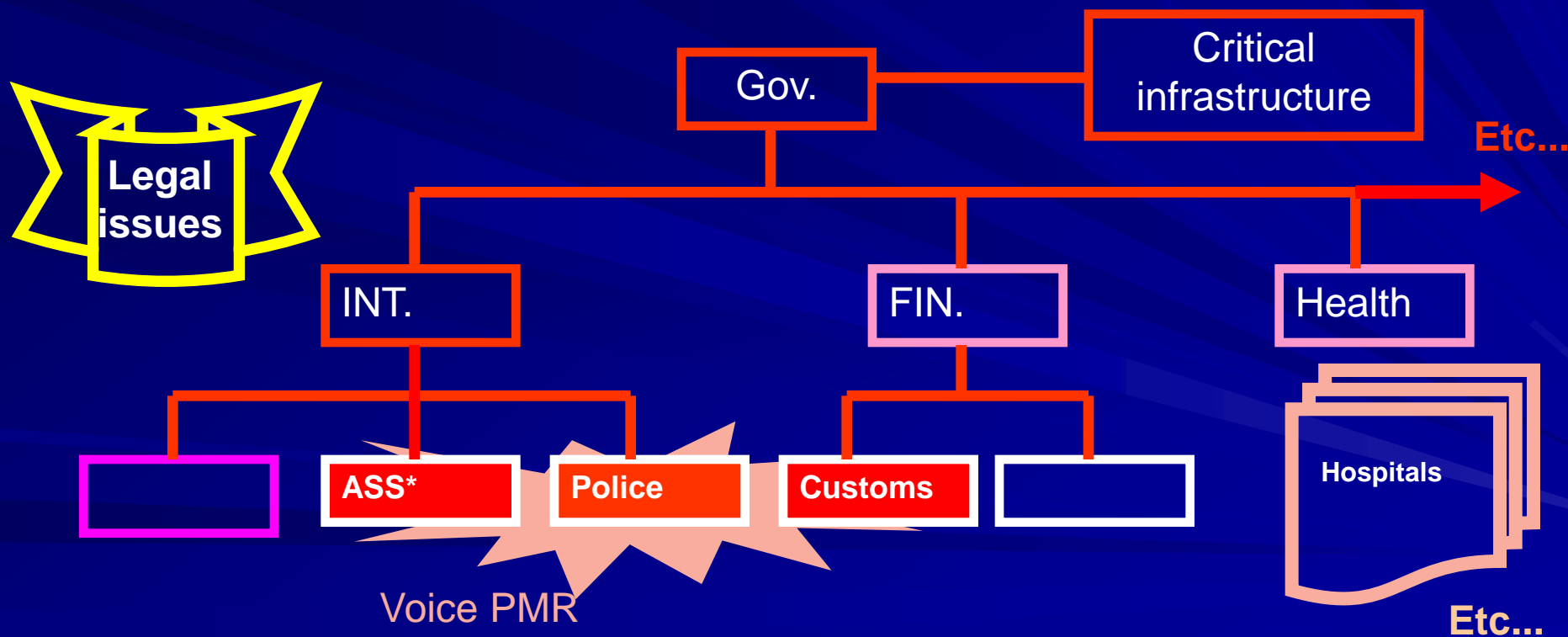
Comm. Governance as is:





2 Vision

Comm. Governance as should be:



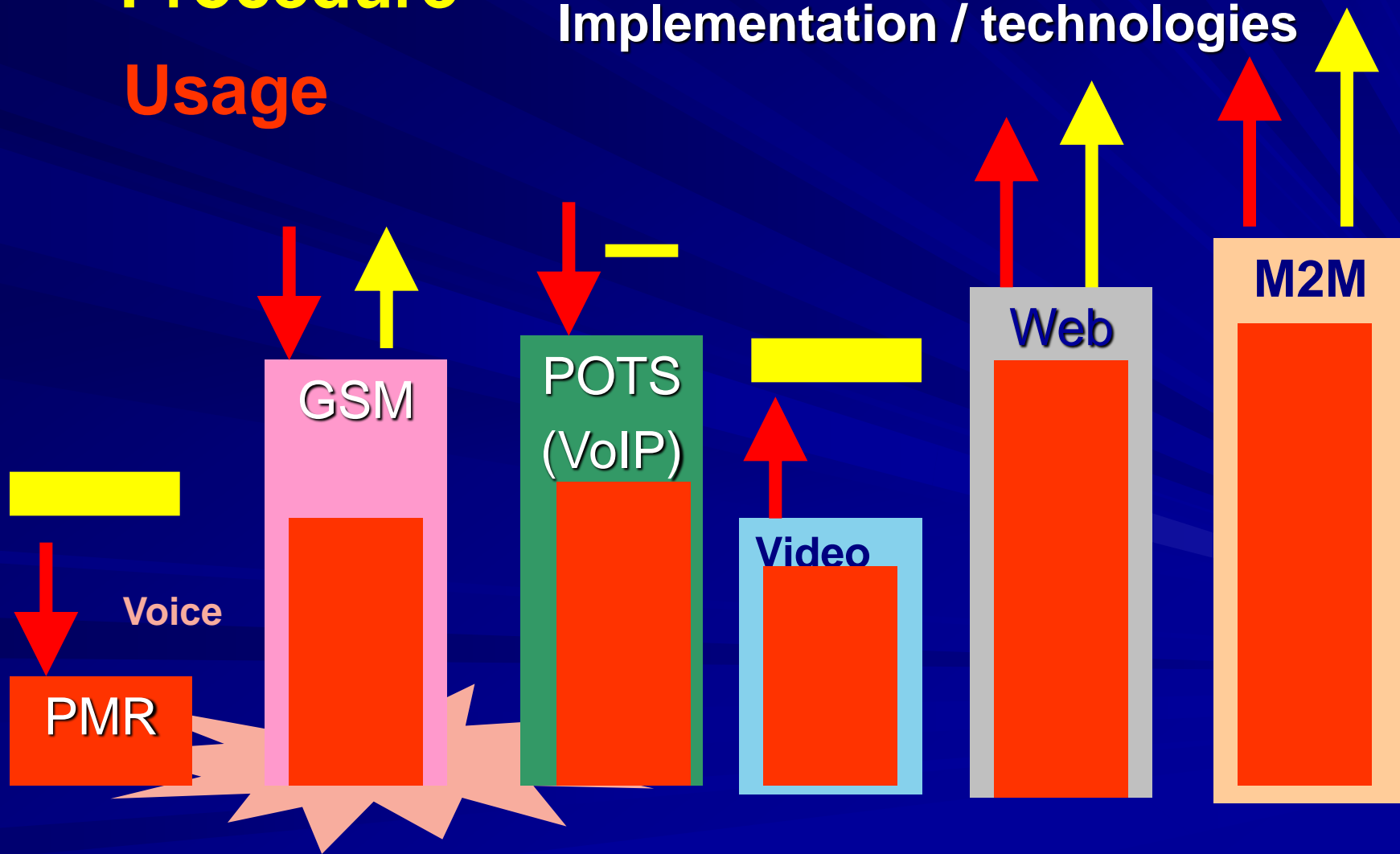


2 Vision

Implementation / technologies

Procedure



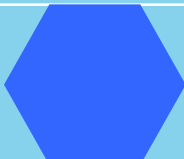

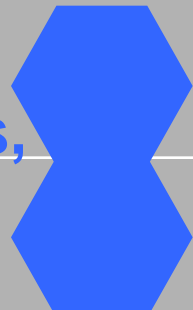


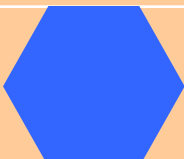





Usage





2 Vision

Implementation / Information exchange

		PMR	GSM	POTS	VIDEO	WEB	M2M
VIDEO	Casual		 Legal issues				
	Formal						
Data / Message	Casual						
	Formal						
Voice	Casual						
	Formal						

New opportunities,
new challenges



3 Proposed way ahead

National view

(New) Requirements

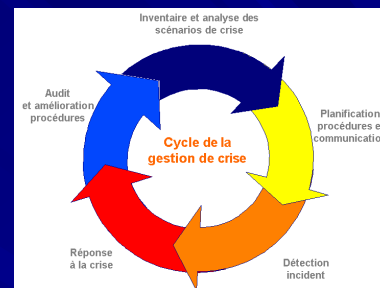
Will be pushed top down by governance and bottom up by end users based on commercial experience.

Governance

Will be pushed by demonstrators and initial capability.

Implementation

Will be pushed by demonstrators, governance and new requirements.



CONATEL!



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3 Proposed way ahead

International view

(New) Requirements

Will be pushed top down by international MOU's and bottom up by national users based on national initial capability.

Governance

Will be pushed by international MOU's .

PSCE!

Implementation

Will be pushed by demonstrators, governance and national initial capabilities.

