

# National, HAI/AMR Early Warning and Response System, France (1)

- Signalement des infections nosocomiales
- Defined by law (26/07/2001)
- Mandatory notification of <u>some</u> HAI: emerging, severe, epidemic
  - Rare or severe infection, based on the characteristics of the pathogen, its resistance phenotype, or the infection site
  - Associated with a contaminated product or device, specific practices, the environment
  - Death associated with a HAI
  - Otherwise notifiable infectious diseases acquired in the hospital
- Objectives: assistance to healthcare facilities in investigation and control, threat detection, feedback of experience



# National, HAI/AMR Early Warning and Response System, France (2)

- About 1 600 events (one or more infections) notified in a year (2010)
- · System based on a network of
  - Infection control professionals in about 2500 healthcare facilities (85% with an infection control unit)
  - 26 regional health departments (ARS) : health autorities
  - 5 interregional infection control coordinating centres (CClin): expertise
  - 26 regional offices for infection control (Arlin) : expertise (closer to the field)
  - Institut de veille sanitaire (InVS) : coordination, 2<sup>nd</sup> line expertise, analysis of trends, threat detection
  - Health ministry: only informed by InVS if a public health threat (alert) is recognised
- About 5 000 users

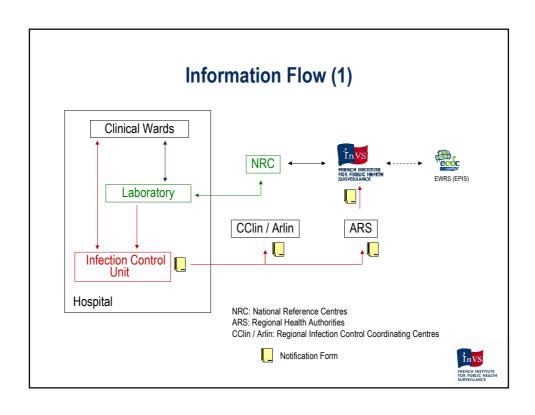


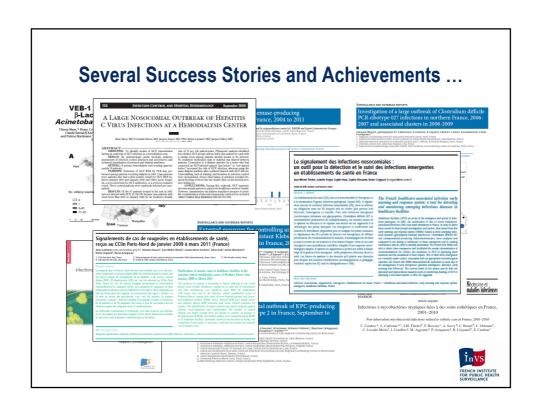
#### **Notification Form (Paper from 2001 to 2011)**



	Cas groupés ou épidémie :	□ Non	D Oui				
	Type de cas :	☐ Infection(s)		isalice(s)			
	Population concernée :	C) Patientisi	☐ Perso				
	Caractère noncomial :	Cortain	☐ Probe		☐ Possible		
	Origine du (des) sas :	O Acquis dens			☐ Importé(s)		
•				3 Non			
	- Aube(s) établissement(s) con	cerne(s):		J Non	11 Oct 21 Oct	le(s)que(s):	
	Site(s) anatomique(s) :						
•	Microorganisme(s) en cause:						
	- Profil de résistance (joindre l'	antibiogramme si b	escin, noten	ment si c	ntére (a):		
•	Spécialité(s) du(des) service	(s) concerné(s) : .					
91	nvestigations réalisées à	la date du sigr	nalement				
	DNon DOV DEnd	ours					
	Peliper						
•	Hypothèse sur la cause de l'	venement:	☐ Non	□ Oui			
	- Précisez :						
•	Actions d'amélioration :						
	Prises à la date de signalemen	t	☐ Non	□ Oui	☐ Sero objet		
	A programmer:		☐ Non	<b>D</b> 04	☐ Ne sell per	Sens objet	
	- Précisez :						
	Besoin d'expertise extérieur		□ Non	DO			
	- Précisez :		-				
	- meddez :						
9	Pensez-vous que l'événemen		-				
•		n con maitrice :	LI Non	LI 04	La Ch cours	Li sans cojet	
	- Précisez :						

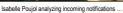






### ... But a lot of Paper Work!







... >10 000 notifications received from 2001 to 2011

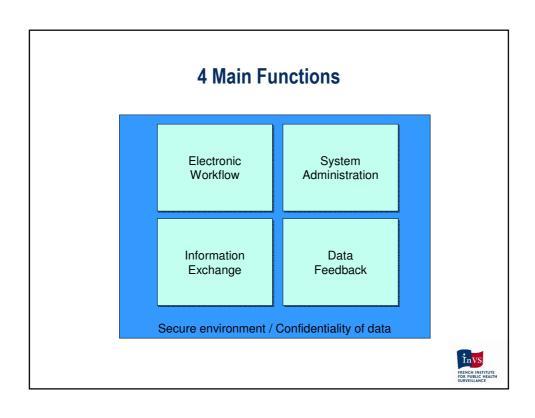


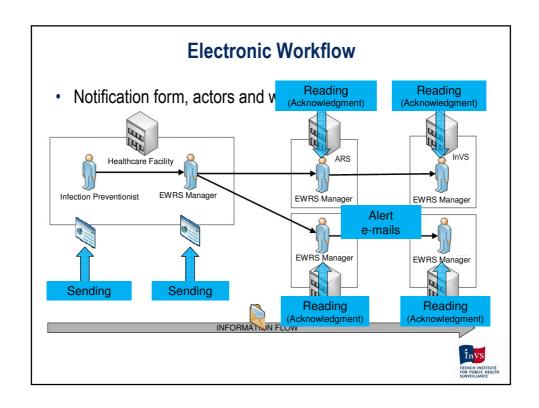
## 2011 : Deployment of a Web-Based Application

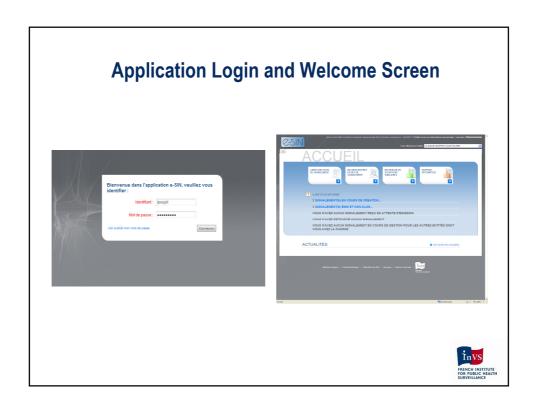


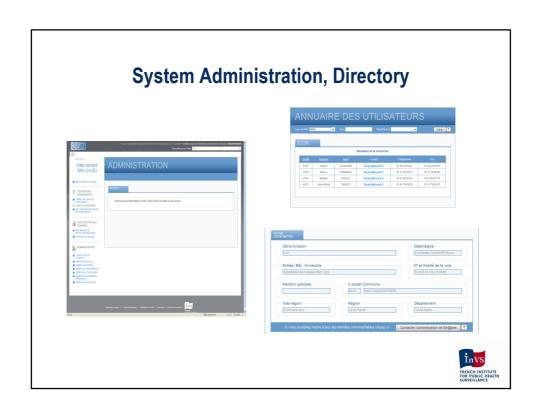
http://www.invs.sante.fr/esin (public pages)

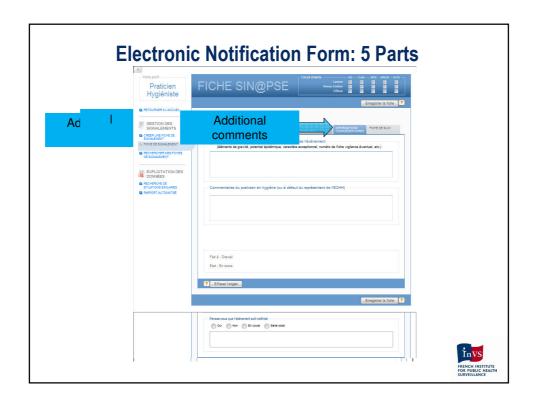


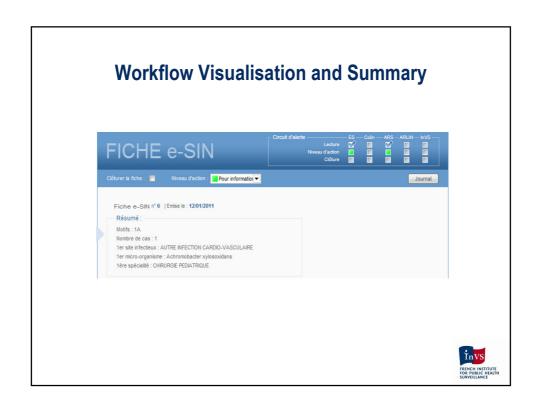


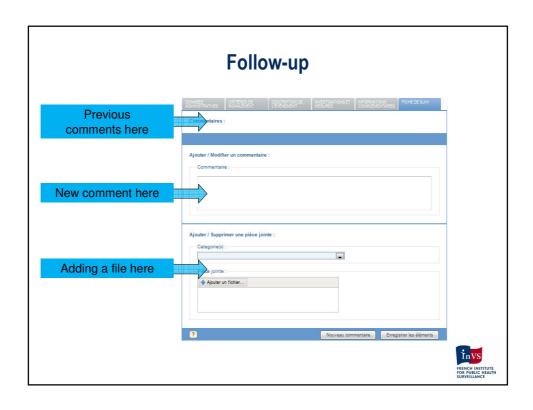




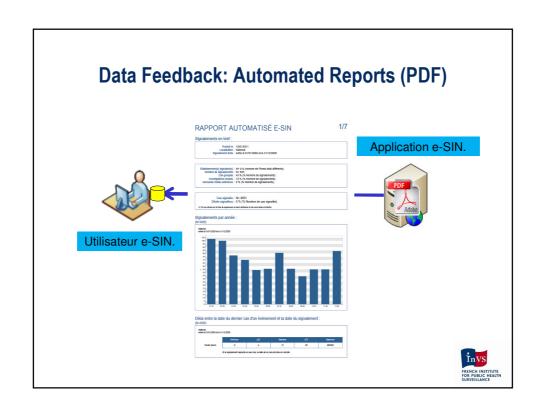


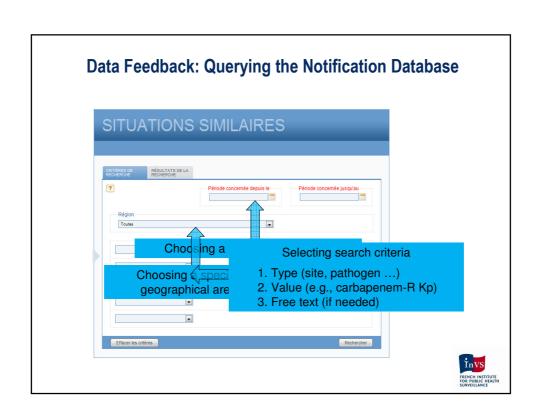




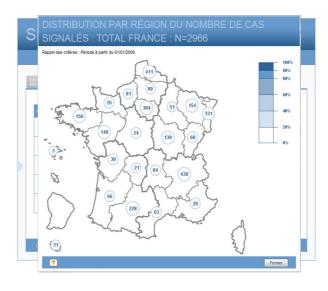








### **Querying the Notification Database**





#### **Thank You for Your Attention**





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