

PANACEA PAC WORKSHOP Integrated use of PANACEA and planned validation

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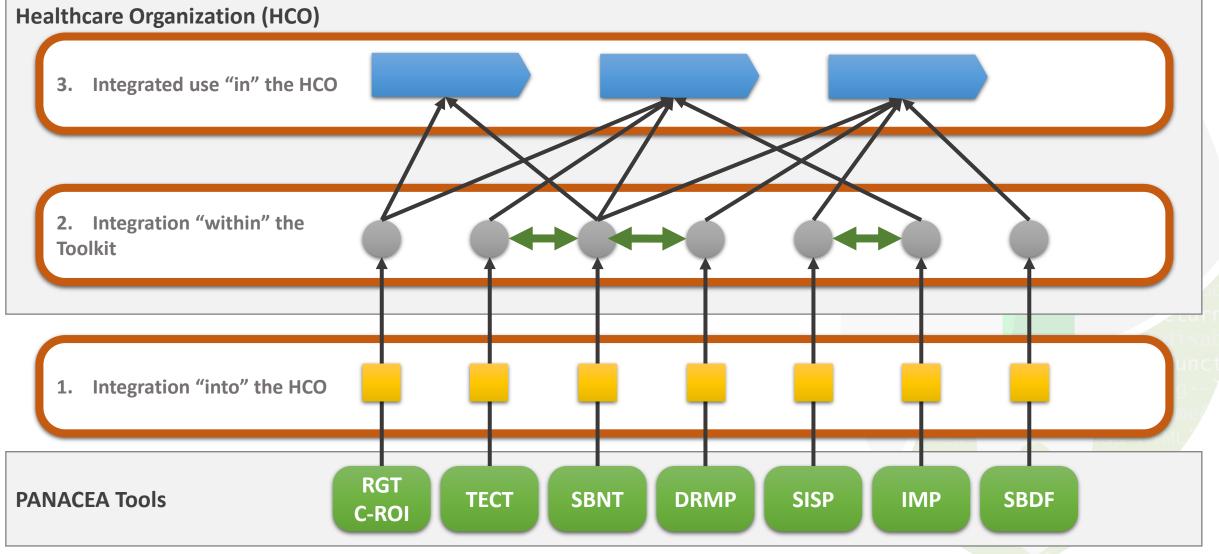


Starting point: PANACEA Tools

Panacea Tool	Scope
DRMP	Dynamic Risk Assessment platform Provides vulnerabilities and recommends remediation actions, ranked by priority
SISP	Inter-organizational Information sharing platform Allows secure clinical data and image sharing
IMP	Two-factor biometric identification solution The solution uses face identification through employee's smartphone to access both workstations and medical devices
SbDF	Security by Design Framework A "secure software design check-list" ensures that both the design process and its "product" are secure
SBNT	Method for "nudging interventions" development Method to identify, design and deploy "nudges" to get secure behaviours
TECT	Education for cybersecurity awareness e-self-learning voiceless video clips, quite useful when "mass training" is needed in short time
RGT	Cybersecurity governance Distributed organizational model, Compliance control list, a model to prioritize cybersecurity investment



Integrated use is based on two preliminary types of integration





Some "Use cases" of integrated use

	Use cases	PANACEA "Solution Toolkit"							
Trigger	Short description of the needs to be satisfied using the tools	DRMP	SISP	SbDF	IMP	SBNT	ТЕСТ	RGT+C -ROI	
Healthcare	 To cope with frequent selection and deployment of new technology 	х		х	x	x	x	х	
specificities	2. To limit human errors due to multi-use and time pressure	х	х		х	х	х	х	
EU Directive	3. To decide cybersecurity investments	х				х		х	
	4. To contrast stream of fake pandemic related messages					х	х	х	
	5. To ensure secure Smart-working	х	х	х		х	х	х	
Covid-19	6. To ensure secure rapid on-boarding of new staff in clinical activities				x	x	x	x	
	7. To ensure secure Telemedicine	x	х	х	Х		х	х	
	 To ensure secure upgrade to sanitary purposes of non- sanitary host structures 	х	x	х	x	х	x	х	



The "Use case" for integrated use validation

Use Case: #1 to cope with freq	juent selecti	ion and de	eployment	t of new te	echnology								
Activity	Flow	Tool	CISO	DPO	ICT	Clin Eng	HR	ISRP	Manag ers	Staff	Fin	Procur ement	LEGEND
Analyse proposal to assess compliance with Security stds		SbDF	A/R	С	С	С		С					ISRP= Information Security Reference Person
Simulate impact of its insertion in HCO environment	go- 2	DRMP	A/R		С	С	С						
Analyse impact on controls and on economics	→3	RGT+ ROI	A/R	С	С	С					С		R=Responsible ; "the doer";
Analyse applicability of IMP	4	IMP	С	С	A/R	С							works on the activity; does the job; executes
Take the decision do adopt the proposed asset	5 • go-	no go	С	С	A System	A Med D							A=Accountable; "the buck stop
Daft contract and procure the asset	6		С	С	С	С						A/R	here"; has yes/no authority; makes decisions relevant for th
Design and implement Nudges	7	SBNT	С	С	С	С	A/R	С	С	C sample			activity; takes ultimate owners
Design and implement Video Clips	8	TECT	С	С	С	С	A/R	С	С				C=Consulted/Contributor ; "in t loop"; provides input to take
Deploy the asset (and IMP if needed)	9	(IMP)	I		A/R System	A/R Med D							decision and/or to execute the activity
Diffuse Nudges and Clips to reach users	10						A/R	С	С	i			I=Informed; "kept in the picture
Monitor impact on users' behaviours	11	TECT	С	С	С	С	A/R	С	С	C sample			needs to know
Analyse and take action if needed	12		А	С	C/R	C/R	C/R	С					