

What do we mean by privacy and security-by-design?

The European Security Research and Innovation Forum (ESRIF) in its 2009 final report (http://ec.europa.eu/enterprise/policies/security/files/esrif_final_report_en.pdf) defines the *Security-by-design* concept as “to embed security in the technology and system development from the early stages of conceptualisation and design”. It also recommends *institutionalizing security considerations in the organisations*.

In a document entitled *Privacy and Security by Design: A Convergence of Paradigms*, Ann Cavoukian (<http://www.ipc.on.ca/images/resources/pbd-convergenceofparadigms.pdf>) states the following: “*Privacy must be proactively incorporated into networked data systems and technologies, by default. The same is true of security. Both concepts must become integral to organizational priorities, project objectives, design processes, and planning operations.*”

Here are three definitions

Definition 1	<ul style="list-style-type: none"> to apply a set of principles from the design phase of ICT systems in order to mitigate security and privacy concerns guiding designers and implementer decisions throughout the development of the systems to institutionalize privacy and security considerations in the organisations.
Definition 2	<ul style="list-style-type: none"> to embed privacy and security in the technology and system development from the early stages of conceptualisation and design to institutionalize privacy and security considerations in the organisations.
Definition 3	<ul style="list-style-type: none"> to embed privacy in the technology and system development from the early stages of conceptualisation and design to consequently embed associated security in the technology and system development from the early stages of conceptualisation and design to institutionalize privacy and security considerations in the organisations.

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- your comments,
- your own definition!

This will help us converge towards a common definition that we will publish in the PRIPARE website.