NetworldEurope SME Working Group

SME Success Story – October 2022

Name of SME

As part of INSPIRE-5GPlus collaborative project and its numerous occasions to exchange views with its academics and industry (notably telco operators), Solidshield has broadened its windows, providing its solution with off-core functionalities.

One key evolution piles up over its stand-alone "harden-and-Forget" software security a continuous remote monitoring capacity. In short, the protected software execution becomes constantly monitored at a central utility, whatever security hardening measures be already in place. This remote monitoring perfectly fits with any telecom industry software never isolated from the rest of the network.

Bringing a remote monitoring capacity through the transmission of immutable heartbeats related to various software security properties is aligned with 6G IA 's SNS vision. The core benefit of our progressed solution is to bring at a central point several insights into the functioning states (e.g., integrity, geolocation) of each deployed software and of their execution environment, without requiring any source level change on the monitored software or on the infrastructure elements (e.g., kernel). Last, in practice, software hardening and

deep monitoring techniques do not oppose but aggregate security and are setup in one run of our SECaaS solution.

INSPIRE-5Gplus

Progress made during INSPIRE-5Gplus by Solidshield:

Deep monitoring (heartbeat) of each instance of the protected instances (Shielded)