Synopsys and FlexLogix

"Our technology integration with Synopsys takes security to the next level, particularly when dealing with high risk assets included in the eFPGA for obfuscation"

Security is an important topic for every SoC, but it's especially salient in the context of high-risk assets included in the eFPGA for obfuscation. Whether the device is used in defense systems or in cars driving around town, encryption is important so the device remains secure and can't be modified maliciously, whether through physical attacks or remote hacking. There are several different established ways to secure eFPGA content, each with its own trade-offs. Now there is a new and better way to take encryption of the eFPGA content to the next level.

What if you could encrypt your eFPGA configuration data with a device-unique key that is never stored on the device, that cannot be copied from one device to the next, and that is not known to anyone (not even you)? Now you can, by us