



# SERMA TECHNOLOGIES

Serma Group

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Pessac, September 2, 2015

To: Mr Alex ROVIRA CALABUIG  
Mr Sergi ESPI

**GIESECKE & DEVRIENT**  
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El Prat de Llobregat  
E-08820 Barcelona - SPAIN

Object: NXP MIFARE Security Evaluation of Hercules v4.1.2 product / ARN-0015-006.

Dear Sirs,

Regarding the test conclusions provided by UL Transaction Security (Evaluation Lab) in Security Evaluation Report Lite (ERL10665914JD01B; issued August 27, 2015) for which the Hercules v4.1.2 product, embedding MIFARE DESFire EV1, is found resistant to a “High” attack potential.

SERMA TECHNOLOGIES ITSEF (CA Lab) agrees with the tests performed and the conclusion provided by UL Transaction Security (Evaluation Lab) regarding the penetration tests campaign results of your Hercules v4.2.1 product, which did not highlights exploitable vulnerability.

Therefore, I am pleased to inform you that SERMA TECHNOLOGIES ITSEF (CA Lab) confirms that:  
**Hercules v4.1.2 product, embedding MIFARE DESFire EV1, ‘Pass’ to the targeted NXP MIFARE Security Evaluation.**

**Stéphane LEBRUN**  
SERMA ITSEF Projects leader.

Copy: NXP