

# brightsight®



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**Contact-less DPA on smart  
cards must be considered  
under vulnerability  
assessment (AVA\_VAN)**

## Presentation Summary

Many smartcards are using proximity technology (RF) nowadays. Brightsight has investigated the possibilities to apply power analysis attack techniques to dual interface and contact-less smartcards. Based on practical experience in a number of CC evaluations the value of these attacks and turned out to be viable attack path. This presentation addresses:

- the attack characteristics (i.e. how to perform the attack);
- the attack rating;
- the tools used.

This presentation will also argue that this technique should be considered mature and therefore carefully be considered as part of contact-less smartcard evaluations

We aim to provide you the latest insights [fresh at the ICCC conference](#). Unfortunately some of the supporting documentation is still in discussion so this means that this pre-copy is just a teaser.  
To receive the full version, send me an e-mail



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