

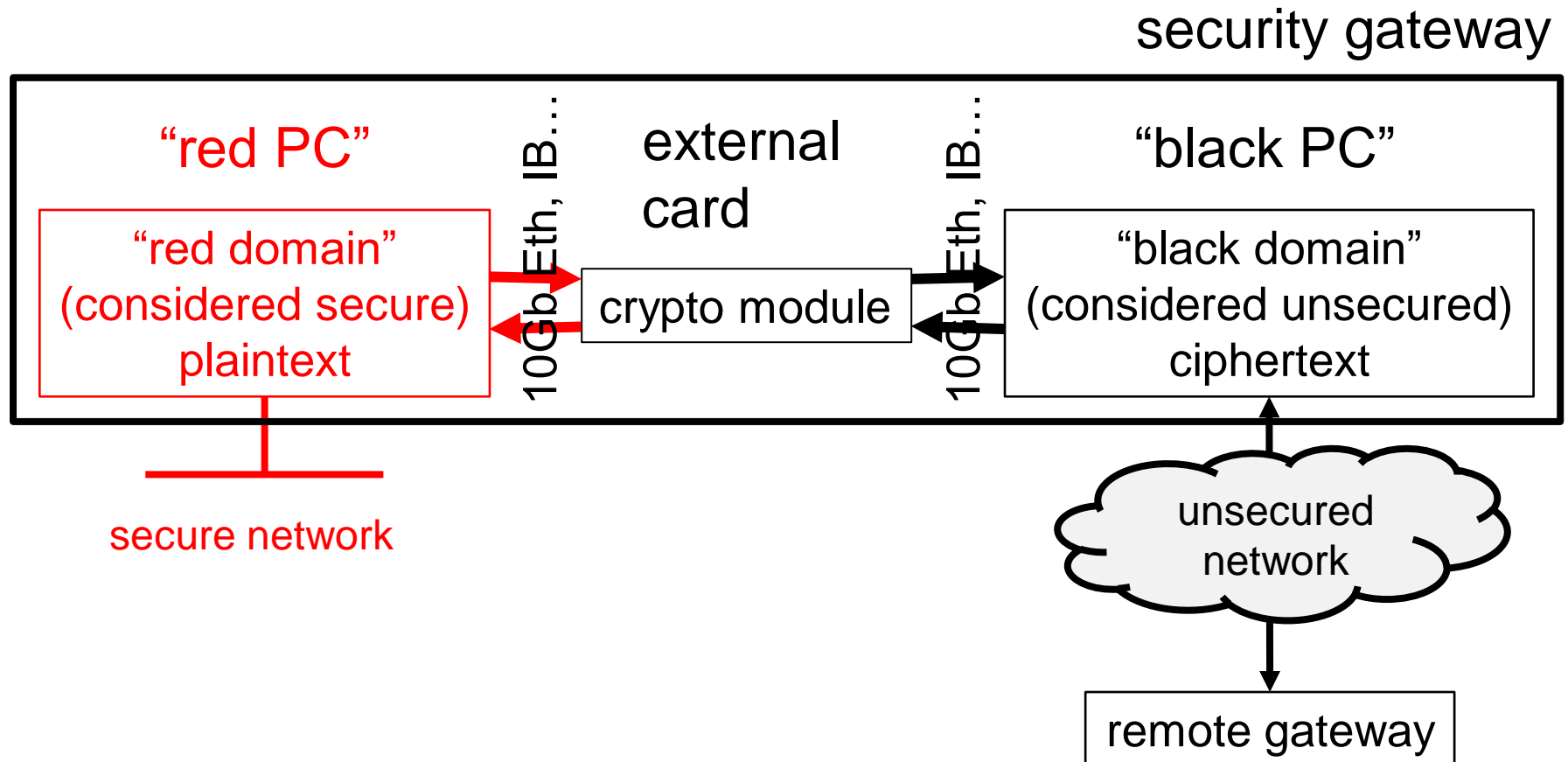
CICM in a HA High Performance Security Gateway

IETF81, Québec City

V. Roca, F. Schuler, L. Jacquin

HA, High Performance IPsec gateway

- idea: physical separation between the trusted and untrusted domains

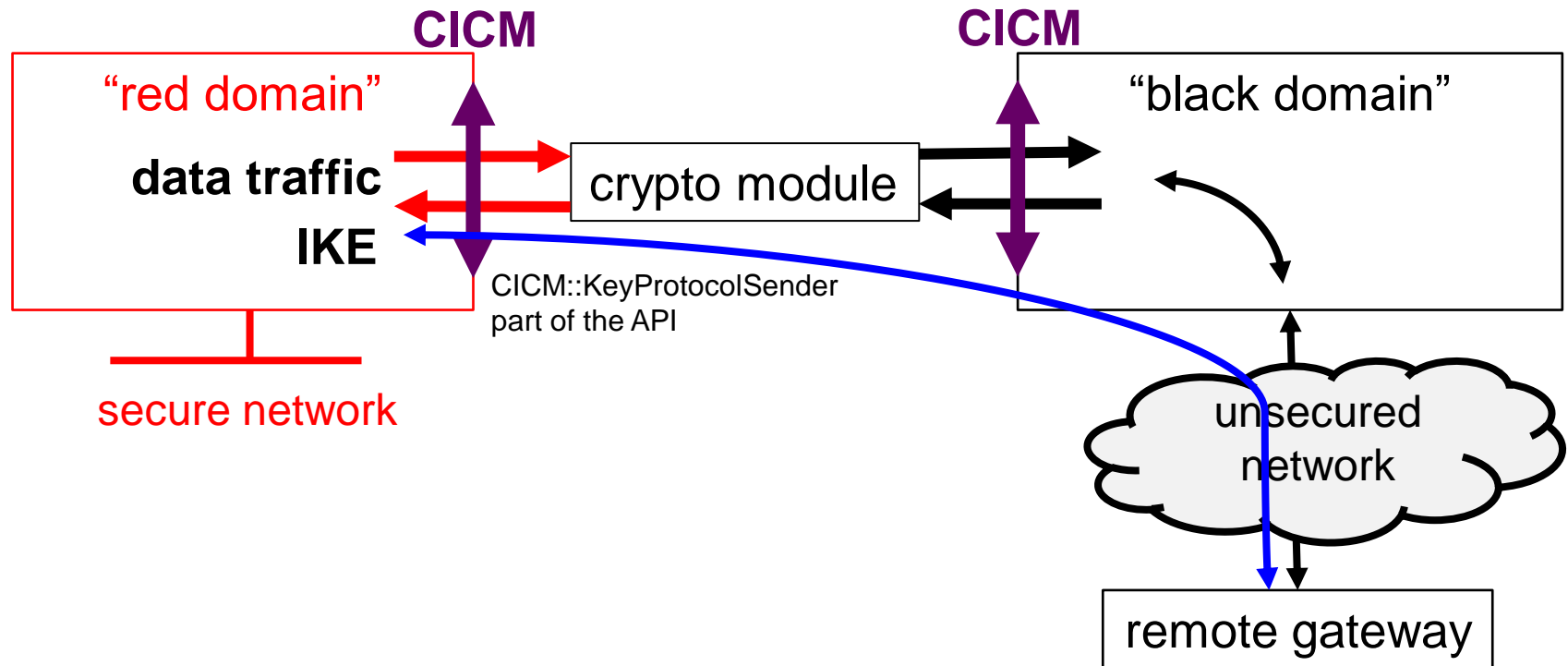


CICM usage

○IKE

- runs in the red PC
- IKE/IPsec session keys are pushed in the crypto module

○IP/IPsec processing on each domain



With a clear API, alternatives are “easy”

- different layout (or “cheap version”)

- single PC + external crypto module
- no physical separation anymore

- full software solution

