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US Navy Bombe, 1943 Contains 16 four-rotor Enigma equivalents to perform exhaustive key search.

Cryptography Research:



CRYPTOGRAPHY R E S E A R C H a division of Rambus

DES Keysearch Machine, **1998** (Cryptography Research, AWT, EFF) Tests 90+ billion keys per second, exhaustively searches 56-bit DES keyspace in 9 days.

Leader In Advanced Cryptosystems



































Convergence of IT & physical security	
Two different (and complementary) mindsets	
IT security	Physical security
Service oriented	Containment oriented
Interoperability focus	Proprietary
Role-based permissions	Inflexible permissions
Porous boundaries	Rigid security boundary
Single point of failure	2-person controls
"Best-effort" logs	Robust audit records
Cryptography Research: Leader In Advanced Crypt <u>osystems™ 25</u>	



















