

A detailed analysis of how locks and physical security become vulnerable to attack

Tobias on Locks and Insecurity Engineering is an essential roadmap for lock design and security personnel, and a must-read for design engineers, risk managers, law enforcement personnel, intelligence agencies, investigators, crime labs, and security and IT professionals.

“Marc Weber Tobias is one of the rare minds in our industry who evaluates locks and consumer product security with the same meticulous philosophy that he applies to high-security government applications. Marc distills an encyclopedic understanding of access control into pragmatic advice for creating functional, secure devices. With decades of experience, Marc brings a comprehensive perspective that isn’t easily replicated for lock manufacturers. His expertise has been invaluable to our company for many years in increasing the security designs of our products.”

— **Tammy Davis**, CEO, Videx, Inc. Corvallis, Oregon

“Marc Tobias is a world-class security expert for locks. In my FBI career in foreign counterintelligence, every aspect of security was essential to understand and deal with. Marc and I have worked on many international cases, and his extensive knowledge of locks and security was crucial to our success. Our side needed the best security, but also to figure out how to defeat the opposition’s security measures. This book should be an invaluable asset for government agencies to understand the insecurity of locks and their vulnerabilities.”

— **Wayne A Barnes**, FBI Special Agent (Retired) 1971-2000.

“What is made clear in Marc’s work is that he points out the methods and techniques to raise the integrity of our first line of defense: locks. Our specialty for those in a career in security protective engineering is to identify and apply the highest-grade containment to protect our companies. For security professionals who rely on high-security locks and allied systems, this is a valuable reference source for security and risk managers.”

— **Ted P. Barron**, CPP Former ASIS Chapter Chair (San Francisco), Vice President of Wells Fargo Bank, and member of the UL Standards Technical Panel on Locks and Safes.

“I have known Marc Tobias now for over 20 years and it is always fascinating to have intense discussions with him about lock security and lock design. I do not know any other person with such a high degree of expertise and knowledge, always keen to ensure that today’s locks are designed to state-of-the-art technology. I am looking forward to this new compendium of centenaries of lock engineering.”

— **Stefan Ehrlich-Adam**, CEO EVVA-Group, Vienna, Austria

MARC WEBER TOBIAS, JD, is the author of eight law enforcement and security textbooks, including *Locks, Safes, and Security: An International Police Reference*. He has lectured extensively, worked for government agencies as an investigator and prosecutor involved in major crimes, and has consulted with the world’s largest lock manufacturers.

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UNDERSTANDING AND PREVENTING
DESIGN VULNERABILITIES IN LOCKS, SAFES,
AND SECURITY HARDWARE

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