

LSS+^x is the High Security Supplement to LSS+, the Multimedia edition of *Locks, Safes, and Security* (second edition), published by Charles C. Thomas in Springfield, Illinois. This electronic Infobase, which is to be utilized in conjunction with *LSS+ Government*, examines new techniques to compromise Medeco Biaxial[®] and m3 high security locks. Within the fourteen chapters of this book are extremely detailed and comprehensive images, graphics, charts, spread sheets, tables, diagrams, and video segments that explain and document each method of compromise.

The book is divided into three parts in which the underlying theory and practical application of the advanced bypass techniques that have been developed by the authors are thoroughly examined. Included is an analysis of the design of conventional pin tumbler locks, UL and BHMA/ANSI high security standards, a comparison of four high security locks, the design theory and security of Medeco cylinders, and techniques of forced and covert methods of entry.

Medeco for the past forty years has been the predominant high security lock manufacturer in the United States. They protect high value targets and critical infrastructure throughout the world that include such venues as the White House, Pentagon, and the Royal Family in England. Covert entry specialists have attempted to develop reliable methods to bypass these cylinders since 1970 when the original Medeco lock was first introduced. Their resistance to all forms of entry is due to the development and implementation by Medeco of the rotating pin tumbler design in combination with a sidebar. These inventions have set the standard in the high security lock industry and until now have been virtually impervious to reliable techniques of attack.

New and unique methods to compromise one of the most secure locks in America by forced, covert, and surreptitious entry were developed by the authors during an eighteen month research project that has resulted in the filing of multiple patents and the ability to pick, bump, and mechanically bypass Medeco cylinders, sometimes in seconds. This Infobase contains the required information to train special ops, military, law enforcement, locksmith specialists and security personnel as to the different methods of compromise of the Biaxial and m3 cylinders by forced entry, picking, bumping, extrapolation of the top level master key, and complete circumvention of key control, even for those locks that utilize the most proprietary and restricted keys.

Information is presented that will allow security officers to assess the potential risks and vulnerabilities that may flow from the use of Medeco locks within their facility. This is especially important with regard to information, assets, and infrastructure that may be regulated by federal or state statutes because of the liability that can flow from the failure to properly secure data and property from attack and compromise.

This CD ROM is password protected. You must obtain an unlock code to allow access to its contents. Please see the tutorial on this disk or on www.security.org for detailed installation instructions. You may contact the author at 1-877-228-9577 or by email at mwtobias@security.org for further information. You must have the required version of LSS+ in order to purchase and utilize the contents of this High Security Supplement.

LSS+^x
HIGH SECURITY SUPPLEMENT
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LSS+^x HIGH SECURITY SUPPLEMENT

THE COMPROMISE OF MEDECO[®] HIGH SECURITY LOCKS:

New Techniques of Forced, Covert, and Surreptitious Entry



ELECTRONIC INFOBASE EDITION LSS701: GOVERNMENT

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