

**NEW**

E N G L I S H

# **F9 SPI F90 SPI**

MULTI-PROFILE PROTECTED KEY SYSTEM  
FOR MASTER KEY SYSTEMS



PATENTED ■ TRADEMARK ■ MULTIPROFILE

**ISEO**<sup>®</sup>

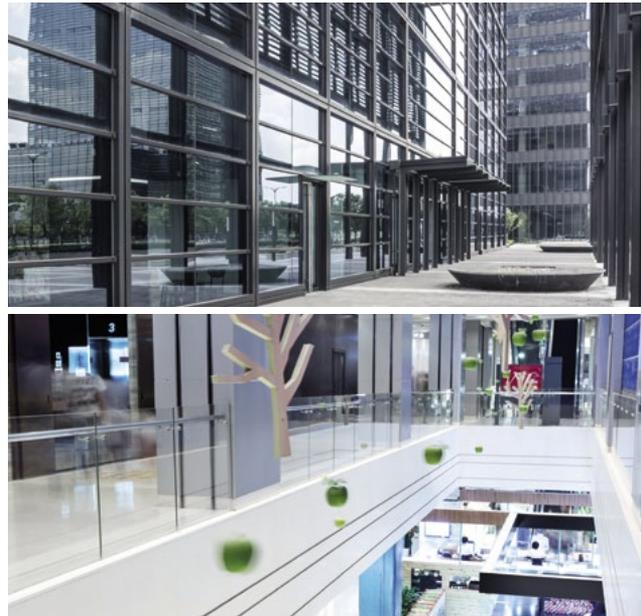
[iseo.com](http://iseo.com)



**F9 SPI F90 SPI**

MULTI-PROFILE  
PROTECTED KEY SYSTEM  
FOR MASTER KEY SYSTEMS.

**SIMPLIFIED ACCESS  
MANAGEMENT.**



**OUR ACCESS CONTROL SOLUTIONS  
INCLUDE:**



An extensive range of solutions designed for a wide variety of needs and applications.



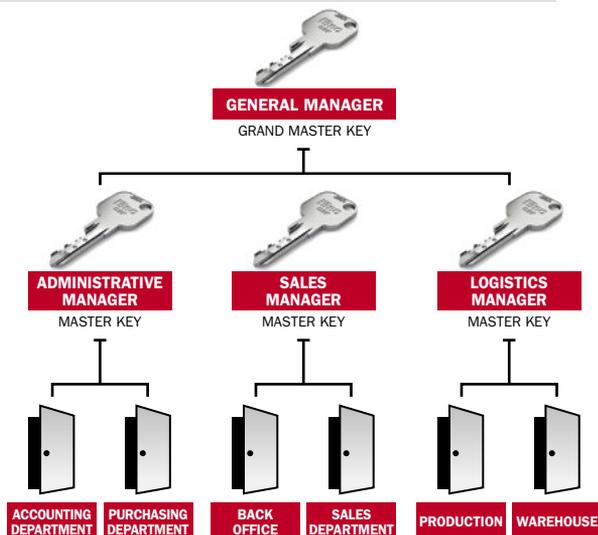
The capability to design and define accesses for even the most complex system.



A wide choice of products controllable with a single key.



Expandable, for responding to new necessities as they arise.



**Master key systems are the most practical and economical solution for access control, offering both security and simplicity.**

Complex facilities such as hospitals, shopping centres, companies and universities need secure solutions for organising and controlling all the doors in the entire building simply and precisely.

With public buildings, other factors need to be considered, such as exit access in emergencies, protection against illegal key duplication and access authorisation management.

A single key opens a number of different access points such as doors, gates and garages, and offers control over access rights.

Master key systems are practical, as they reduce the number of keys, simple, cost effective and secure.

**ISEO lets you define the security you need, with the added convenience of using a single key for multiple access points.**



**MECHANICAL PATENT  
KEY PROTECTION**



The multi-profile patented cylinder ensures the control on duplication and the possibility to combine the cylinder in a multiple level mastered system.

The trademark protected key ensures the control of the blanks distribution and the protection against illegal duplication.

The multi-profile system is integrable in a single multi level mastered system. It allows a high protection against external attacks thanks to specific devices placed inside the cylinder (F9 SPI), cylinder and plug (F90 SPI). Available in compact and modular version. Compatible with F9000 mechatronic system.

## TECHNICAL FEATURES

### ATTACK RESISTANCE

#### F9 SPI

Grade 0

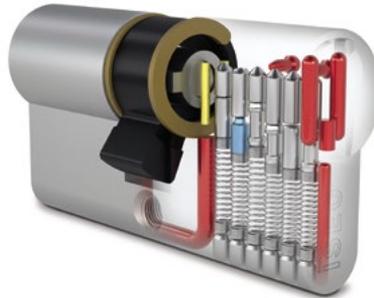
**Basic security level: bitting system with 6 stainless steel pins.**

**Pick-resistant thanks to special grooved counter-pins.**

**Drill-resistant with hardened inserts on both ends of the cylinder body. The inserts protect the cylinder from drilling.**

**Pull-resistant bar in strengthened steel for increased snap and cylinder extraction resistance.**

The protruding cam keeps the cylinder anchored in the lock.



**MECHANICAL PATENT  
CYLINDER PROTECTION**

#### F90 SPI

Grade D

**Advanced security level: bitting system with 11 stainless steel pins.**

**Pick-resistant thanks to special grooved counter-pins.**

**Drill-resistant with hardened inserts on both ends of the cylinder body and plugs. The inserts protect the cylinder from drilling.**

**Pull-resistant bar in strengthened steel for increased snap and cylinder extraction resistance.**

The protruding cam keeps the cylinder anchored in the lock.

**Note:** interior and exterior 3D image of the F90 SPI cylinder.

The modular version has a connecting rod instead of the pull-resistant bar, which increases the resistance even more.



### KEY RELATED SECURITY

Standard nickel silver vertical key.

Coded numbering on the key's neck.

**PATENTED** thanks to the **Special Pin Inserted** in the key, which interacts with the special design counter-pin in the plug.

**TRADEMARK** protected key profile with unlimited duplication protection through time.

Key duplication authorised only at registered dealers and on presentation of property card (which contains the unique code).

**Multiple exclusive profiles which allows to professionals to provide a specific duplication service thanks to reserved profile.**



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