

More connected, more secure with the new CISA RS5 Cylinder featuring state-of-the-art radial technology and digitised duplication.

On the occasion of ERSI 2023, Italy's premier security event, CISA launched the **RS5, a new cylinder with patented Radial System technology** that provides maximum SKG*** certified resistance against the most advanced forced entry and break-in techniques. The system integrates **next-gen mechanical technology and digital features into a single solution** for complete, continuous key protection through the **SECURiCARD platform**.

As Giuseppe Pozzi, CISA's Cylinder & Key Platform Leader explains, *"The RS5 cylinder is the culmination of CISA's experience in developing top-security cylinders. Thirty years ago, we launched the RS3, which was a true innovation for its time, just like the RS5 is today. The RS5 encapsulates **the most advanced Made in Italy anti-break-in technology we've ever developed**. It's new in both technology and concept. From a mechanical perspective, the **5-row ciphering system with 16 radially arranged carbonitrided steel pins** makes it extremely resistant to attacks. This is complemented by a new **patented modular system assembled from inside the rotor, increasing tear resistance by 60% and extraction resistance by 700kg**. But we've gone even further. We've developed a new **'jewel' key** in collaboration with the University of Florence's Ergonomics and Design Laboratory. This key comes with a **digital identifier that protects duplication** and enables the owner to track all operations online."*

In summary, **each key is born with a digital identity, and the cloud records and stores every operation it makes**. By activating the associated account, the owner protects themselves against fraudulent duplication attempts. To access the services, simply **scan the QR code on the SECURiCARD**, so you can protect the key and check the history of operations carried out, receive SMS/email notifications for each duplication request, activate two-step duplication verification with OTP code, and request digitised duplicates.

The advantage is that everyone can easily **monitor all operations in real time from their smartphone**, helping prevent unauthorised duplication request. This is an added guarantee for operators as well, since all operations are recorded and can be easily traced back.

Duplication is only possible upon presentation of the SECURiCARD at Authorised CISA centres, which will send the request directly to CISA, thus ensuring maximum security. Last but not least, to guarantee continuity of range for operators and users, **backwards compatibility and duplication protection are assured for all RS3 and RS3 S cylinders produced since 1993**.

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