

HS4 Features Functions Benefits Overview

Founded in 1849 by Charles Hager, Hager Companies is globally recognized as a leader in door hardware. Still family owned today, the Hager family continues to expand on a rich 167-year legacy of quality, reputation, and excellence and it is our goal to provide a complete line of quality door hardware to our customers at a competitive price with impeccable customer service.

Based in Spain, Salto Systems, Inc. was founded in 2001 by access control professionals looking for a better, more economical solution. Salto, which translates to Jump in English, has provided a better access control solution for a fraction of the cost. During the past 16 years, over 19,500 customers in over 90 countries have made the jump to a more dynamic, reliable, and cost friendly access control locking solution.

By coming together, we can now provide Hager powered by Salto giving our customers not only a trusted and valued foundation but a range of products that increases productivity.

Before you start exploring the operational, security and user experience features and benefits, let us briefly describe the technology. You can find more information the How it Works section.

There are three primary HS4 platforms and depending on the user needs, each provides a different set of benefits.

RFID is an offline system that uses the Portable Programming Device (PPD) to transfer audit data from the locks to the software as well as to update the locks with user credentials. This is very similar to many other access control systems but unlike most systems, the HS4 RFID platform can be easily upgraded to the Salto Virtual Network (SVN) platform.

SVN is a highly responsive and secure data-on-card system that allows the user's credentials to not only write but read as well. In other words, when the smart card is presented to the HS4 lock or access point, two-way communication occurs. The lock and the smart card communicate and exchange specific data such as user access rights, battery status, and an updated blacklist of deleted and added users as well as lost cards. At access points, usually high traffic openings, user key cards are re-validated every day and given an updated blacklist to spread throughout the facility. This process also allows for audit trail data to be extracted and transferred to the SQL database. With the SVN platform, the users and their credentials are the network.

Wireless provides system administrators with real-time functionality such as immediate blacklist updates, door position status, and lockdown capabilities. The HS4 wireless platform provides system administrators with the same control found in traditional wired systems but without the higher product and installation investment.

The HS4 platform has successfully proven to be robust, dynamic, responsive, cost-efficient, and secure.