



adalo

Product Catalog 2011

ABOUT ADALDO

"An inventor, a man who looks upon the world and is not contented with things as they are. He wants to improve whatever he sees, he wants to benefit the world."

Alexander Graham Bell (1847-1922)

ADALO is an innovative and creative provider of secure identification technologies and products for access control, driving the transformation and growth of the security industry with our creative conceptions,

The value of each ADALO product can be assessed from both security and aesthetics aspects. Unconventional ideas limited only by our imagination have been translated into our innovative and well designed product range.

Beauty is not only skin deep, ADALO's products are also characterized by our unique security features. Investing in ADALO products offers aesthetically pleasing design coupled with high security protection, giving you peace of mind with works of art.

In ADALO, we see every challenge as an opportunity to improve and stretch our paradigm. Reinventing standards and raising the bar in our endless pursuit for perfection, ADALO is poised to be the innovative and distinctive access control identification manufacturer in the security industry.



PLASMA SERIES

"Simplicity is nature's first step, and the last of art."

Philip James Bailey (1816-1902)



SIMPLICITY IS THE KEY

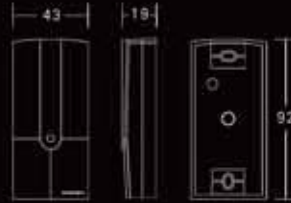
Adopting clean lines and sleek design, the PLASMA series is intended to complement any environment, anywhere, limited only by your imagination. It is quite simply, stylish.

PLASMA MINI

The PLASMA MINI Series prides itself in being discreet yet stylish. The stylish Black strip in the center of the Reader illuminates in blue when activated, once again shows ADALO's ambition to be different from others!



Pearl White Metallic Silver

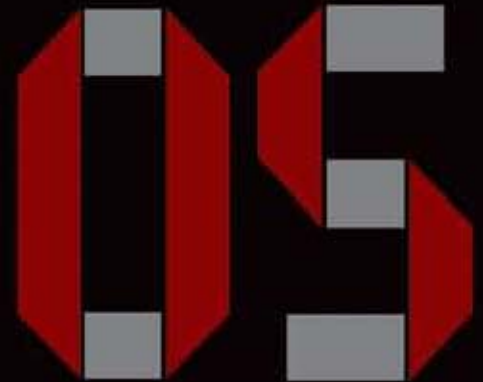
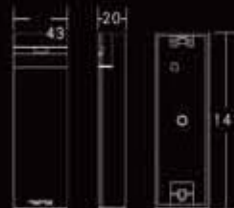


PLASMA PRO

The PLASMA PRO Series encompasses classic lines with a modern touch. PLASMA PRO Series is available in both standard and keypad versions. The keypad version features a sensor touch keypad, which would only light up upon sensing the human touch. Once again, the Reader illuminates in blue when activated, once again shows ADALO's ambition to be different from others!



Pearl White Pearl White Metallic Silver Metallic Silver



*All PLASMA Series Readers are featured with ADALO's BKMS Encryption.

ART

ART series readers reflect their personalities with colors of Crimson Red, Midnite Black and Mystic Brown. Together the three colors give the reader a distinct visual appeal. The tactile keypad for password input is inconspicuous when not in used and only appears with the flick of your thumb. ADALO ensures that every detail, including Design and Security, in the ART Series reflects the creative inspiration behind this modern Access Control masterpiece!



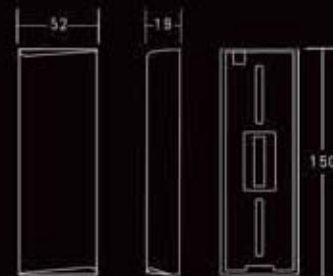
Crimson Red



Midnite Black



Mystic Brown



*All ART Readers are featured with ADALO's
GKMS Encryption.

"The aim of art is to represent not the outward appearance of things, but their inward significance."

Aristotle (384 BC-322 BC)

ART SERIES

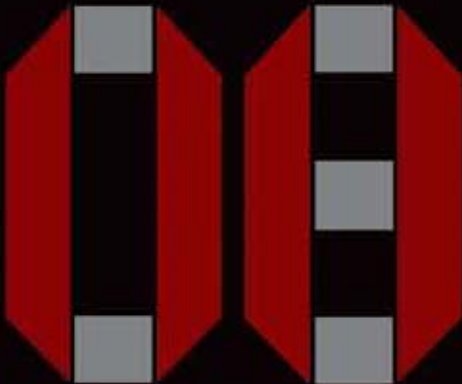


ARTISTIC IS THE KEY

The artistic clean cuts and illuminating lights makes the ART Series readers stand out above the rest of the competition.

IMPRESS ELITE

ELITE is the KEY. LEATHER surrounded by stylish metallic silver edge provides a FEEL that has never been provided in Access Control Readers. Now with more leather cover choices, ADALO is making good of its commitment to deliver access control products that go beyond its mere functions in today's sophisticated and diverse environments!



Grain



Purist



Kroc



Desert



Ostr

IMPRESS PRESTIGE

PRESTIGE is the key. The surface of the PRESTIGE Series Readers gives you the thrilling experience of the well textured and refined surfaces. ADALO uses the KNURLING forming process that adds a pattern on the exterior of the reader for a subtle underlying feel.



Ash Gray



*All IMPRESS Series Readers are Featured with ADALO's GKMS Encryption.

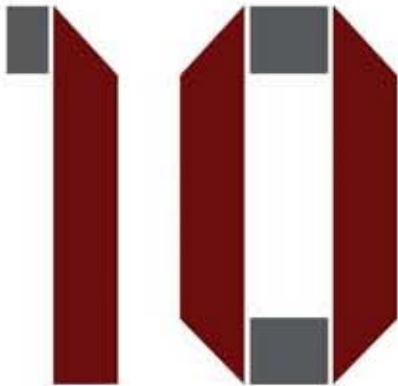
"Few have strength of reason to overrule the perceptions of sense, and yet fewer have curiosity or benevolence to struggle long against the first impression; he who therefore fails to please in his salutation and address is at once rejected, and never obtains an opportunity of showing his latest excellences or essential qualities."

Samuel Johnson (1709 - 1784)



IMPRESSION IS THE KEY

IMPRESS Series create a harmony of sensual and sensory experience mixing superior material and stylish design. IMPRESS series readers carves a deep lasting IMPRESSION the moment you set your sights on it.



ADALO IMPRESS SDC

ADALO IMPRESS SDC reinvents Stand Alone Access Control solutions with our creativity in both form and function. IMPRESS SDC Stand Alone Single Door Controllers comes in our award winning ELITE and PRESTIGE Series design to compliment ADALO IMPRESS Card Readers.



I510 SDC



I530 SDC



I630 SDC

IMPRESS SDC is designed to mount directly into European and Asian size Single Gang switch boxes. An Impact sensor is installed in the front of the SDC acts an egress push button which allows the user to tap on the front of the SDC for seamless exit, replacing the need for traditional egress push buttons. IMPRESS SDC though small in size has powerful features such as allowing up to 10000 users and 10000 audit trails and also supports Anti Pass Back functions with connections of 'IN' and 'OUT' Readers.

CREATIVE AND DIGITAL DESIGN

The IMPRESS SDC comes together with ADALO Access Management Software for easy management of Access Control doors. The software is designed to provide a seamless wireless data management from the IMPRESS SDC to the Management Software via the use of a portable Trans-Flash Data Card. Authentication in the Trans-Flash Card ensures that the integrity and security of the IMPRESS SDC will never be breached.



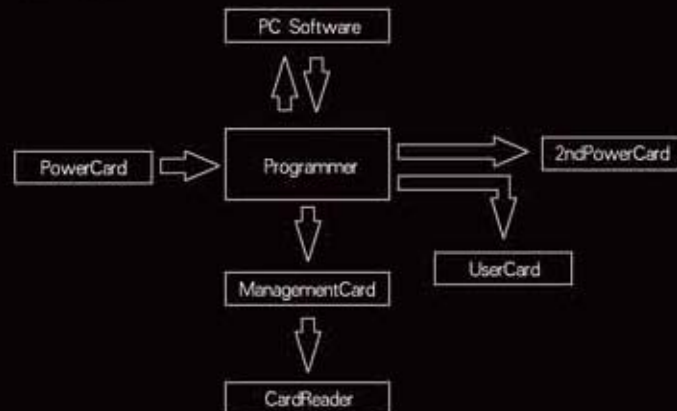
•ADALO Access Management Software

<<GENETIC KEY MANAGEMENT SYSTEM (GKMS)

SPECIAL KEY MANAGEMENT

ADALO GKMS (Genetic Key Management System) is a powerful and innovative Key Management System which allows users to manage and create their own personalised encrypted key without the need of remembering passwords. Master Tokens in the form of contactless smart cards are used to replace passwords, thereby eliminating possibilities of compromised security passwords.

The Master token also known as the MANAGEMENT CARD is used to create new credentials and encrypt card readers, a genetic code embedded in the MANAGEMENT CARD holds the security to authorised Reading and Writing of data. The MANAGEMENT CARD holds the key to transferring the genetic code to credentials during card initialisation and to readers during reader configuration. The mutual authentication between the Reader and Credentials coupled with the unique genetic code ensures that MANAGEMENT CARDS and credentials cannot be duplicated.



HIGH LEVEL SECURITY

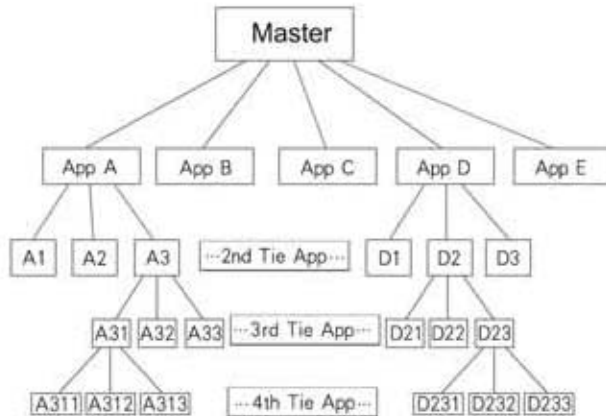
Although the unique code or card serial number embedded in various smart card technologies is considered to be secure without the possibilities of code duplication, the card serial number can still be read by various smart card readers. ADALO has taken a step further in ensuring that data transferring between the credentials to the card reader can never be read without mutual key authentication on the credential and card reader. Basing on the industry leading standard algorithm Data Encryption Standard DES/3DES, every code encrypted in the credential is unique in its DNA with no 2 credentials having a similar code.

Incorporating GKMS into ADALO Credentials and Card Readers for Access Control increases the security integrity exponentially for Access Control installation. Authentication of Access Control cards happens even before the data is being sent to the Access Controllers. Only by presenting a valid key encrypted card to the card reader with the same encrypted key, the card reader will send out the card ID to the Access Controllers.

HOLD THE OWNERSHIP OF YOUR SECURITY

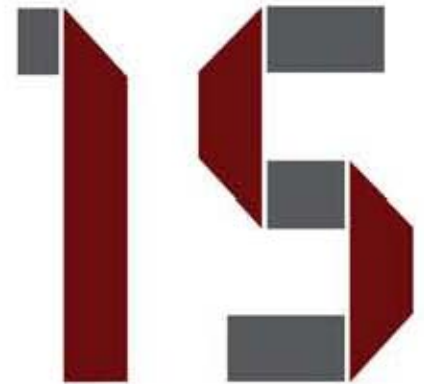
GKMS can also be incorporated to manage different application whereby each application will hold their own unique key to Read/Write data onto Credentials and Card Readers. The owner of the key will be able to generate out sub keys with its own unique key codes and further Read/Write data onto the sub key sectors. The sub keys can be further expanded into third and fourth tier sub keys with hierarchy order. This creates a chain of encrypted keys sitting on top each sub keys whereby only the higher tier key owner will be able to unlock the data stored by the lower tier key owner. This feature allows the owners of the lower tier key to individually manage their own set of keys and further issue sub keys to a lower tier of users with controlled distribution and withdrawal of rights.

The complexity of the GKMS is now made easier by our simple and intuitive software. Designed with ease of use and a short learning curve, having total control and ownership of your security can never be easier.



<< AESTHETICS WITH SECURITY





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