

ROMAP



Remotely Operated Military Access Point

Secure and fast access control for military bases

On a military base, the need for strict security is increasing, for civilian personnel as well as visitors. The ROMAP concept of Bavak, ensures a thorough and effective, remotely controlled access control. The control takes place at a distance of at least 500 meters, so direct contact with visitors is no longer necessary.

The Bavak ROMAP is designed in such a way that the access control takes place via a 5-step process: Identification, Screening, Verification, Routing and Detection. To get access to the location, every visitor undergoes this process. With a positive outcome the visitor is allowed to enter the base. If the match made between data and visitor is negative, the operator can deny access and isolate the visitor at a safe place. The system is fully redundant.

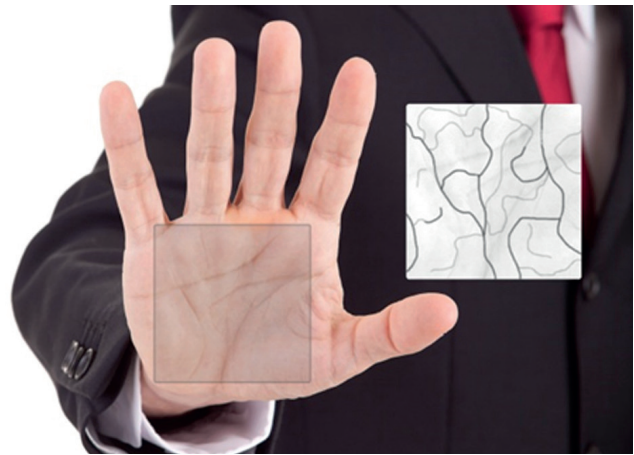
The ROMAP system has been operational since 2016 at military bases of the NATO and the UN.



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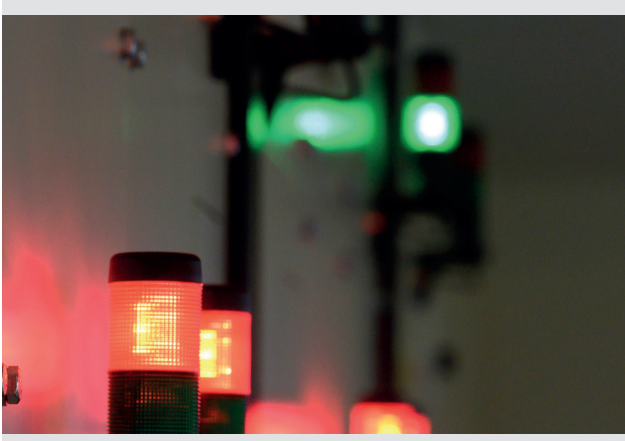
Identification / Screening

Before gaining access to a location, identification takes place. Identification is done via biometric features such as palm, fingerprint, iris, face and non-biometric data. This profile is stored per visitor, after which the screening/data intelligence process begins. By matching and assessing this profile with other data, a classification is made. This classification determines the further process, which is different for militaries and local employees.



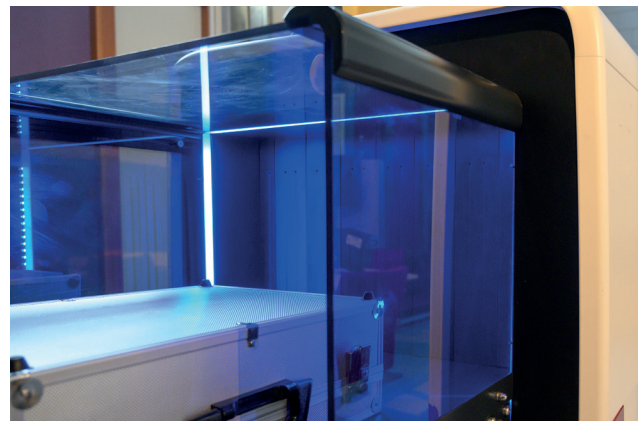
Verification / Routing

On-site, verification follows via palm reader technology. A scan of the palm of the hand quickly and accurately determines whether the visitor is the person in question, even if the person has dirty hands. Via the turnstile logic, the visitor will be guided into the right direction. The visitor gets either given direct access to the base or a check is initiated or the visitor is immediately detained. Random checks will be carried out via the Bavak intelligent randomising tool.



Detection

A selected group of persons is checked via integrated metal and millimetre wave scan detection and the luggage via X-ray equipment. If there is any luggage that requires additional screening, this will be removed from the control line by an EOD robot. All these steps, in combination with the external control, results in an access decision. With a positive check, access to the base is granted, with a negative check the access is denied and the visitor will be isolated. This whole process is externally monitored and controlled.



ROMAP in daily use

The ROMAP versions now used in NATO and UN controlled areas are developed in close cooperation with the customer. Every ROMAP is a detailed customised solution. The modular and customised structure means that each ROMAP can be adapted to suit the need of the customer. This is possible because almost all integrated solutions come from the Bavak range and where necessary have been developed in line with the customers' requirements.

For more information, please visit www.bavak.com

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