

# ENTERPRISE SECURITY

MULTI FACTOR  
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## Top 10 Multifactor Authentication Companies in Europe - 2020

In light of the recent high profile online attacks that have taken place in different global regions, it can be said that cybersecurity has become a moving target for organizations of all sizes. Increasing social engineering and other new forms of threats are making the existing password-based authentication systems vulnerable to breaches. Bad actors are identifying and implementing ways to breach security software, firewall, and encryption to steal authentic user credentials and exploit sensitive systems and data. In such a scenario, multi-factor authentication has emerged as a boon for organizations to move away from the traditional password-based authentication systems and implement next-gen solutions for secure authentication and user validation.

Being at the forefront of cybersecurity, multi-factor authentication adds an extra layer of protection to the overall network and systems security. This additional security layer proves crucial in barring an attacker from exploiting emails, manipulating privileges of the users, or extracting sensitive information from business applications and data. Multi-factor authentication has seen several innovations in the recent past, the most prominent being related to biometrics. Enabled with facial recognition and fingerprint scanner, mobile devices have made biometric technology affordable for the masses. Besides mobile devices, businesses are keen to move away from pins and password-based security, and implement physical security with multi-factor authentication to ensure higher safety across their job sites. Furthermore, apps are being enabled with a multifactor-authentication system embedded into the code. So the software built is secure from the ground up.

There is a bevy of multi-factor authentication solution providers offering new-age multi-factor authentication solutions to overcome the security threats and help teams of an organization collaborate seamlessly in the online space. Many providers are developing unique frameworks to secure data storage and sharing. Cutting edge technologies such as artificial intelligence is being merged with human intelligence to tackle the widening threat spectrum.

Also, there are many consulting/services companies in the multi-factor authentication space that are helping organizations to make the most out of their security investments. These services companies aid in optimizing the configuration of different IT assets and business functions, including email, servers, CRM and accounting. They also support in streamlining the management of mobile devices, user accounts, and data.

In this edition of Enterprise Security Magazine, we bring you the top 10 multi-factor authentication companies in Europe. These providers leverage modern technologies to counter the evolving authentication challenges and improve multi-factor surety options. With several innovative solutions and success stories, these firms are continually proving their abilities in delivering efficient multi-factor authentication solutions. We hope this issue helps you build the partnership you and your firm need to drive success.

We present to you Enterprise Security Magazine's "Top 10 Multifactor Authentication Companies in Europe - 2020."



**Company:**  
Aruba Enterprise

**Description:**  
A business unit of Aruba.it, which works with customers to provide custom-built data centre solutions and Trust Services projects

**Key Person:**  
Giorgio Girelli,  
General Manager

**Website:**  
[enterprise.aruba.it/home.aspx](http://enterprise.aruba.it/home.aspx)

# Aruba Enterprise

## Providing Secure Data Center Hosting Services

**M**ost organisations, public or private, in Europe are striving to digitalise their traditional services to benefit end consumers. And, to this end, they see more value to host their data off-site through private cloud and colocation services. However, such a task is easier said than done because, with GDPR in effect, data protection and data security are increasingly coming under the spotlight in the course of moving data to data centers. Besides, the organisations are reluctant to adopt cloud technology, mainly when data centres are located beyond the borders of the EU. Set against this backdrop is Aruba Enterprise, a business division of the company Aruba.it that provides IT solutions to enterprises, as secure custom-built data centre services such as private cloud, cloud back-ups, dedicated servers and colocation for data hosting, moreover services for the digitalization of business process. These services are offered to the clients from the company's state-of-the-art Global Cloud Data Centre campus in Milan, Italy, that complies with all the important accreditations and certifications in the EU. Aruba Enterprise's customers can also choose from a European network that includes two more data centres in Italy, besides Global Cloud DC. The company also owns data centres, one each in the Czech Republic, France, Germany, the UK and Poland respectively. "Such a capability of ours allows customers to find the perfect location to host their data and satisfy any specific geographical requirements," remarks Giorgio Girelli, General Manager, Aruba Enterprise. The company's other trust services range from certified emails to complex and miscellaneous digital signature services, from PKI infrastructures for certificates provisioning to digital preservation according to law. "All of these services are certified by Italian and/or European regulatory institutions," he adds.

Some of the relevant accreditations of Aruba Enterprise's trust services are predominantly built around eIDAS - "electronic IDentification Authentication and Signature", a European Regulation that lays down the conditions for the mutual recognition of electronic identities and common regulations for eSignatures, web authentication and related trusted services for electronic transactions. "Our customers count on us as their trusted partner who helps them adhere to the EU regulations through our trust services," says Girelli. To achieve this feat, Aruba Enterprise delivers almost all the trust services the market needs. And the company is also a Qualified Trust Service Provider in the OBE Directory with Actalis and Aruba PEC, the two Certification Authorities

(CA) of the company, for the supply of Qualified Website Authentication Certificates (QWAC) and Qualified Certificate for Electronic Seals (QSEALC) services. QWAC is used for website authentication and QSEALC for identity verification; both help protect transactions from potential attacks during communication. Furthermore, to ensure subscriber identity, the company's trust services follow PSD2 specific information including PSD2 authorisation number of the subscriber as a PSP (Payment Service Provider); Identification of the competent authority (NCA) that assigned the above authorisation, number; and list of PSD2 roles authorised to the PSP according to the PSD2 Directive.

Aruba Enterprise serves many leading companies from a wide range of sectors. The approach the company takes and the solutions it provides means that Aruba Enterprise can adapt to any client and can provide customised solutions that fit the needs of the sector the client operates in. The company does not offer an 'off the shelf' solution but believes in working hand in hand with the clients. This includes highly regulated industries that require the highest standard of security and compliance. "In particular, we are already supporting banks, financial institutions, and the insurance sector adopting the trusted services provided to keep pace with technological and regulatory developments," explains Girelli. "In particular we are already seeing banks, financial institutions and the insurance sector adopting the secure services provided to keep pace with technological and regulatory developments."

Currently, Aruba Enterprise is active in the main European markets such as France, England, and Germany; it has a consolidated presence in Poland and Hungary and also boasts leadership in the Czech and Slovak Republic.

It entertains customers like Unicredit, one of the most prominent pan-European banks. However, it still believes that their market presence is in the initial stage. In the near future, Aruba Enterprise aims to extend its footprints in other geographic regions. **ES**



Giorgio Girelli