DIGIPASS as a Service

DIGIPASS as a Service is VASCO's cloud based, managed authentication service: authentication is provided through an outsourced model to application service providers. Companies focus on their core business while VASCO takes care of securing their online applications with two-factor authentication in a service model.

CLOUD BASED MANAGED AUTHENTICATION

DIGIPASS as a Service is VASCO's cloud based, managed authentication service which makes use of VASCO's proprietary authentication technology. Application service providers (ASPs) can secure their entire infrastructure with DIGIPASS as a Service. Companies focus on their core business while VASCO takes care of securing their online applications with two-factor authentication in a service model.

DIGIPASS as a Service has been designed for ASPs that want to add strong authentication to protect their content, the data of their users, e-commerce environments or simply to secure customer self-service applications which reduce back office tasks.

FOR ASPs WANTING TO ENHANCE THE SECURITY OF THEIR APPLICATIONS

By offering authentication in a service model, VASCO overcomes a number of issues ASPs are facing when thinking about the enhancement of their security through strong authentication. ASPs can count on VASCO's expertise to add strong authentication to their applications. Native integration of strong authentication might require infrastructure changes which might be costly. Furthermore, deploying two-factor authentication to a large number of end-users might be considered costly and time-consuming.
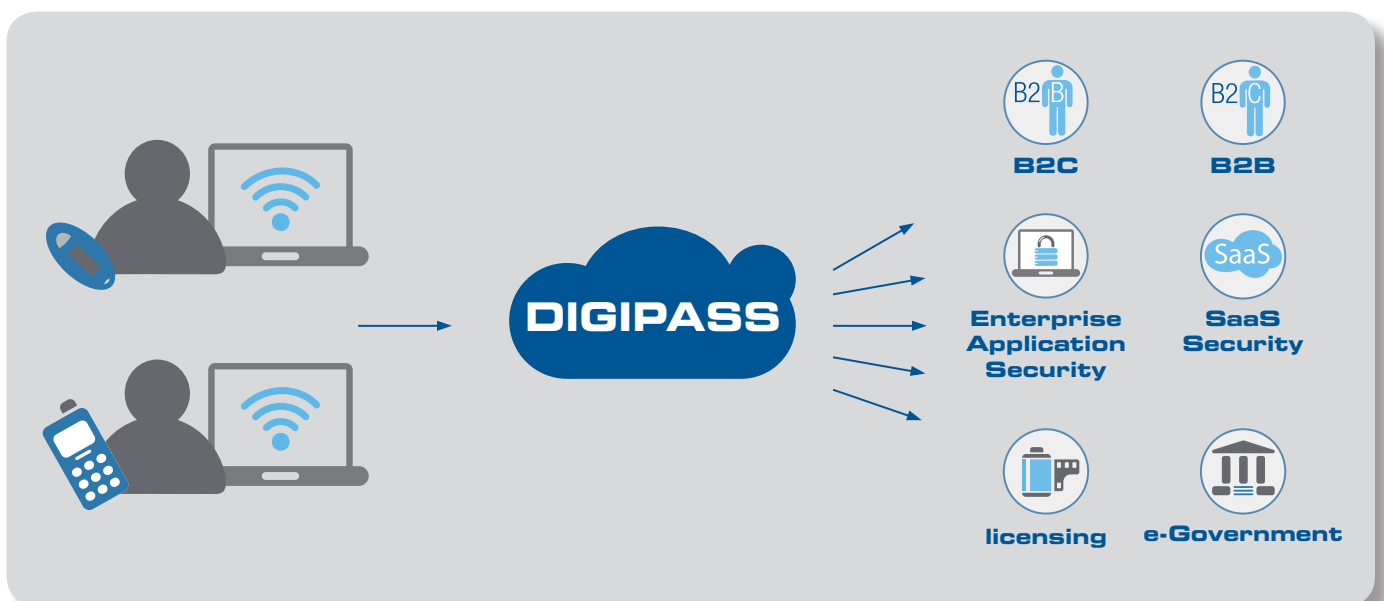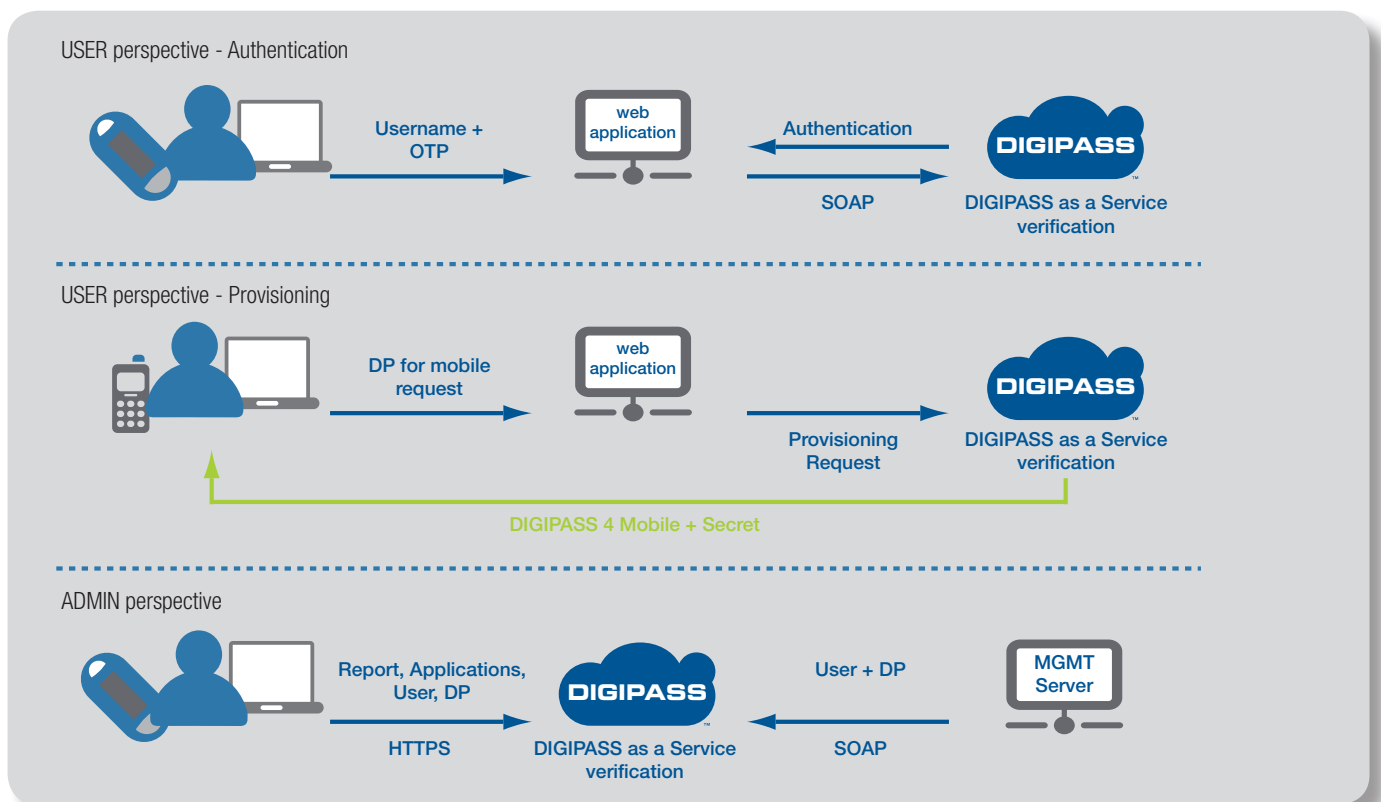
LOW TOTAL COST OF OWNERSHIP

DIGIPASS as a Service overcomes these apprehensions: authentication becomes an operating expense rather then a capital expense, thus lowering the cost of deployment and enhancing the Total Cost of Ownership. Since authentication is outsourced the time to market can be sped up. The deployment of DIGIPASS as a Service does not require the integration of the product in an existing environment. The use of VASCO's DIGIPASS as a Service platform ensures you always have the needed server capacity. The ASP is able to focus on his core activities instead of security. Adding strong user authentication to his environment can give the ASP the upper hand in an insecure, fast evolving and competitive online world. It ensures who accesses your data in online applications.

A SINGLE DIGIPASS TO SECURE ALL APPLICATIONS

ASPs are sometimes reticent towards the deployment of strong authentication to their customer base. Many arguments are being used, such as logistic burdens, portability of authentication devices, multiple authenticators for different applications, the installation of software on the end-user's PC, high costs to secure individual applications, associated administration and helpdesk costs, branding of authenticators,…

DIGIPASS as a Service overcomes these hurdles: VASCO offers a wide range of software and hardware based authentication devices which can be entirely customized and branded. Furthermore a single DIGIPASS can be used to secure all online applications.

USER perspective - Authentication

Username + OTP → web application → Authentication / SOAP → DIGIPASS as a Service verification

USER perspective - Provisioning

DP for mobile request → web application → Provisioning Request → DIGIPASS as a Service verification

DIGIPASS 4 Mobile + Secret

ADMIN perspective

Report, Applications, User, DP / HTTPS → DIGIPASS as a Service verification ← User + DP / SOAP ← MGMT Server

DIGIPASS AS A SERVICE PLATFORM

VASCO has rolled out the DIGIPASS as a Service platform to support cloud based authentication. The DIGIPASS as a Service platform makes use of VASCO's VACMAN technology. DIGIPASS as a Service is offered as a fully outsourced authentication model to the customer, in which VASCO takes care of the entire authentication process.

The platform is redundant and scalable allowing strong user authentication for millions of users. The robustness allows VASCO to ensure SLAs with an uptime of 99.9%, which perfectly matches the SLAs ASPs have with their customers.

The DIGIPASS as a Service platform enables ASPs to roll out software DIGIPASS to millions of end-users. The DIGIPASS as a Service platform manages the assignment of the DIGIPASS to the users, and the provisioning of the secrets onto the DIGIPASS.

Application service providers will integrate a straightforward API into their applications. They can use this to register and unregister users, assign DIGIPASS authenticators and allow the transfer of authentication request via SOAP to the DIGIPASS as a Service platform. When the end-user wants to access the application using an OTP generated by his DIGIPASS, the authentication request will be sent to the ASP, which will forward it through SOAP over HTTPS to the VASCO DIGIPASS as a Service platform. The DIGIPASS as a Service platform will check and validate the OTP and send it back to the ASP who will grant access to the application.

On the DIGIPASS as a Service portal, the ASP can control and manage the user database, DIGIPASS database and application database. On this portal, the ASP can also generate customized usage reports.

DIGIPASS END-USER DEVICES

End-users will be equipped with a DIGIPASS client device. VASCO's DIGIPASS family offers a wide range of end-user authentication devices which all make use of VASCO's VACMAN core technology. Customers can choose from a wide range of authenticators, both software and hardware based, which best fit their needs.

DIGIPASS AS A SERVICE PRICING STRUCTURE

VASCO has developed two pricing models to best meet the ASP's business model. The two dedicated pricing models allow web services companies, regardless of their size, to make use of the managed authentication model.

The first pricing model consists of a fixed fee per web application per user per month. As a result the ASP can easily budget the authentication cost upfront. This model is best suited for ASPs whose entire customer's database will make use of the managed authentication service from VASCO.

The second pricing model consists of a usage fee for DIGIPASS as a Service. Per month the ASP will receive an invoice based on actual usage, including provisioning, authentication, registration,…

DIGIPASS as a Service allows for several ASPs to share the VASCO infrastructure, as a result authentication becomes more budget-friendly and allows individual ASP to reduce their Total Cost of Ownership.

VASCO can supply hardware or software DIGIPASS authenticators. These authentication devices are ready for use right out-of-the-box, as they are pre-programmed and fully integrated into the ASP's environment. They can be branded to reflect the ASPs corporate image.

DIGIPASS SERVICES

The DIGIPASS as a Service offering also consists of a number of optional supporting services/offerings:

Fulfillment services

Fulfillment services lighten the logistic burden of an authentication project for the customer and allow him to fully customize the DIGIPASS device reflecting corporate colors and logos.

Fulfillment services include:

- **Branding and customization**: every DIGIPASS can be branded reflecting corporate colors and logos in order to enhance brand recognition for end-users;

- **Customized packaging**: VASCO offers a wide range of packaging services, ranging from non-personalized individual or bulk packaging to fully customized and branded packaging;

- **Distribution and storage**: VASCO can offer supply chain services, delivering orders anywhere in the world, to a central location, to branch offices or directly to the end-users. VASCO can also store customer's stock in secure and adapted warehouses.

Professional Services

Every authentication project is unique. Different customers have different needs: some require meeting regulatory compliance within a limited timeframe others are fighting online fraud schemes or need to tighten security. Whichever the driver to implement a strong authentication project, VASCO has the qualified engineers and project managers to turn the customer's authentication project into a success. Our team will help ASPs with the configuration of DIGIPASS as a Service.

Support

First line support to end-users is generally provided by the ASP. The DIGIPASS as a Service platform allows the ASPs to provide operational management and support to the end-users themselves. VASCO will provide standardized Q&A web templates to the ASP, allowing them to integrate web based support into their own online support.

The user license for the DIGIPASS as a Service platform includes basic support. ASPs have the option to extend this support with dedicated support contracts.

About VASCO

VASCO designs, develops, markets and supports patented DIGIPASS®, DIGIPASS PLUS, VACMAN®, IDENTIKEY® and aXsGUARD® authentication products for the financial world, remote access, e-business and e-commerce. With tens of millions of products sold, VASCO has established itself as the world leader in Strong User Authentication for e-Banking and Enterprise Security for blue-chip corporations and governments worldwide.

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