

><PARSEPORT

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ParsePort iXBRL Security whitepaper:
Making XBRL simple AND secure

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Introduction

The ParsePort iXBRL product makes ESEF reporting simple by offering easy user functions and central managed repository for taxonomies. The solution is secured in the cloud and we have more years experience securing our product in cloud systems. In following we would like to elaborate on the technical structure of our XBRL Converter as well as our policies and procedures in relation protection and overall security. In summary, our iXBRL product is characterized by the key points below

- Secure cloud solution (SaaS) accessible online uptime at least 99.6 %
- Azure hosted data centers in Northern Europe protected by EU law and ISAE3402 certified
- IP whitelisting and MFA to access server setups
- Data transmission in accordance with the GDPR
- Authentication via OAuth2
- Azure AD integration by Gartner of 2020
- Free software maintenance and support 24/7
- Confidentiality of information ensured via data classification and GDPR
- All data handling in compliance with safety requirements, ISO standards and applicable law
- All ParsePort products are [XBRL Certified Software](#) and we are in the process of obtaining the ISO 27001 ISMS certificate
- Our software follows a Secure SDLC and



Hosting

By offering software as a service (SaaS), the ParsePort iXBRL product is secured and made available as a cloud solution.

All our data centers are hosted by Azure in Northern Europe, protected by EU law, and all our servers are in an ISO27001 environment with an ISAE3402 type 2 certification.



Our servers are all managed by our hosting provider to ensure correct patching and regular updates.

Authentication

All data transmission is done according to the Transport Layer Security (TLS) 1.2 protocol and we use OAuth2 for authentication.

By the 3rd quarter of 2020 we will have integrated in our software the identification service of the Azure Active Directory (Azure AD).



Azure Active Directory

To access the server setups, we use IP whitelisting in combination with MFA (Multi-Factor Authentication).

Secure access 24/7

The ParsePort iXBRL product is secured and made accessible online 24/7.

All scheduled maintenance work is done after regular office hour (8-18h GMT+1).

We are committed to provide a service with an uptime of at least 99.6 % availability.

We are monitoring our solution and its uptime every 5 minutes. This availability enables you to convert your financial reports any time you prefer.

Flow for handling customer data

The illustration below (Figure 1) shows the technical decomposition of the ParsePort iXBRL product.

Once a conversion session of documents has been launched with the online ParsePort iXBRL product, we associate the customer’s credentials with the conversion. Only this customer will then be able to read the data and to download the converted report. The web server will add the conversion session to our queue system and this system will process the data, including the deletion of all data 15 minutes after the conversion has completed. No files are saved on the web server, they are temporarily stored for access at our application servers (Workers in Figure 1) which manage the conversion process.

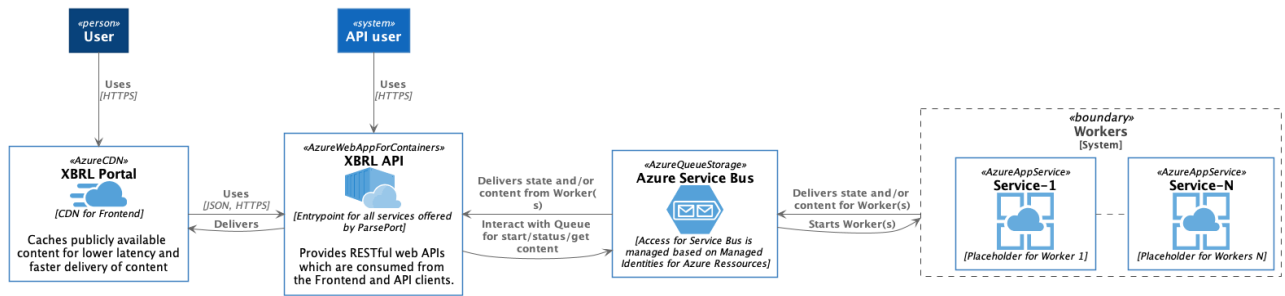


Figure 1: Overview of the ParsePort iXBRL product.

To minimize the attack surface of the ParsePort iXBRL product, all handling of customer data is handled by our queue system (Azure Service bus in Figure 1) and a set of Workers (Azure App services in Figure 1).

All processing of customer data happens in the Workers. Workers do only have access to the Azure Service Bus and no public ports are available for incoming traffic. All communication and data transfer between the queue system and the Workers are enclosed in a secure ecosystem secured via [Managed identities for Azure resources](#).

In case of technical issues, normally caused by a missing tag in the Excel file, our Service & Support Team will be at your disposal 24/7 to solve the problems.

Confidentiality & Data Protection

Security is a fundamental element and the iXBRL product by ParsePort is cloud secured. Our aim is to always be ahead of our costumers' needs. We use the latest technologies to be in advance and to provide our costumer with the most secure and updated technical solutions.

Customer account data: Classification model + GDPR

At ParsePort, we classify the data being processed in order to process, send and store it properly. To this end, ParsePort is obliged to comply with applicable law. To ensure the confidentiality of information, our privacy policy conforms with the GDPR regulations.



Data shared during the process of conversion

ParsePort wants to protect confidential information against malicious access, accidental disclosure and compromise, in compliance with current safety requirements, ISO standards and applicable law. ParsePort considers and handle all data exchanged with and communicated by the costumer as confidential information for which we apply rules of confidentiality in accordance with the criteria described below.

ParsePort is in the process of obtaining the ISO 27001 ISMS certificate. In fact, we already behave like we are certified: we are ready for regular audits of code and infrastructure, including third party penetration testing.

Our software development team follows a Secure Software Development Life Cycle (S-SDLC), and all requirements to new features are analyzed with respect to security risks.



Finally, we follow the recommendations from Cloud Security Alliance's (CSA) Security, Trust & Assurance Registry (STAR). We have completed the *Consensus Assessment Initiative* questionnaire (CAIQ v3.1).

Software compatibility

Being an online accessible solution, the ParsePort iXBRL product is flexible in regards to both browser types and file formats.

Our iXBRL product works with Windows 10 (Unix and Linux), and all the newest browsers, such as Firefox (highly recommended for speed), Chrome, Safari or Edge. We do not recommend using Internet Explorer as this browser might have issues with security and rendering of JavaScript elements.

Selected Costumers

