Short Public Report

1. Name and version of the IT-based service:

   TeamDrive 4
   (classification: processor service)

2. Manufacturer or vendor of the IT-based service:

   Company Name:

   TeamDrive Systems GmbH

   Address:

   Max-Brauer-Allee 50, 22765 Hamburg, Germany

   Contact Person:

   Detlef Schmuck

3. Time frame of evaluation:

   March 10th, 2018 to January 13th, 2020

4. EuroPriSe Experts who evaluated the IT-based service:

   Name of the Legal Expert:

   Stephan Hansen-Oest

Address of the Legal Expert:

Rechtsanwalt Stephan Hansen-Oest

Im Tal 10a

24939 Flensburg

Germany

sh@hansen-oest.com

Name of the Technical Expert:

Andreas Bethke

Address of the Technical Expert:

Andreas Bethke

B³ | Informationstechnologie

Papenbergallee 34

25548 Kellinghusen

Germany

bethke@europrise-expert.com

5.   Certification Body:

   Name: EuroPriSe Certification Authority
   Address: Joseph-Schumpeter-Allee 25
             53227 Bonn
             Germany
   eMail: contact@european-privacy-seal.eu

6.   Specification of Target of Evaluation (ToE):

   TeamDrive is a cloud service for data storage and data exchange. All data is encrypted and cannot be decrypted by the service provider / any sub-processors (end-to-end encryption).

The ToE **includes** the following parts and functionalities:

- The registration of a TeamDrive account, the creation of "SharedSpaces", the creation and administration of users, the storage and distribution of data by and to authorized users;

- TeamDrive Client (TDC) for the operating systems Windows, Linux, MacOS, iOS, Android and in all offered variants (Free, Professional and Enterprise, which differ only in the scope of the users and the server space provided), provided that data is stored on the cloud storage space provided by the manufacturer, as well as the "referral program", which cannot be switched off and cannot be traced, through which a user receives additional free storage space if he invites a new user and the latter creates an account;

- The service of the manufacturer as a processor;

- TeamDrive registration server (TDRS);

- SMTP mail server (SMMS);

- TeamDrive hosting server (TDHS).

Exclusions and restrictions regarding the ToE:

Since the clients can be obtained free of charge both from the TeamDrive website (teamdrive.com) and from the corresponding App Shops (Apple Store or Google Store), and since operation in the private sector is free of charge, the shop functionality of the website and all underlying processes should not be part of the certification. This also includes all payment processes and accounting issues. The same applies to the optional sending of newsletters.

Using the mobile clients (iOS and Android), data can be stored in a "Space". The data is stored locally encrypted in a protected database on the mobile device. The files can be viewed using an integrated viewer on the mobile device. No copy is created outside

the client-monitored area. This is part of the ToE. If, however, a user opens a document with another application on the mobile device, a local copy of the document or file is created, which is then no longer in the protected area. This is not a function of the client, but of the respective operating system. This is where the ToE ends. Files outside the mobile client and their editing are not in the ToE.

When creating a Space, it can be specified whether it should receive a browser release. This is intended for access via a web client that is still in the beta phase and is therefore not part of the certification.

When selecting the server ("host"), the owner of the Spaces has three options:

1. a server selected by TeamDrive ("Cloud Service"),

2. a WebDAV server, or

3. a TeamDrive Personal Server.

In the standard setting, the first option ("Cloud Service") is selected. Only this is also part of the certification.

When using WebDAV servers or a TeamDrive Personal server, the infrastructure of the space owner would have had to be taken into account, which is practically not possible within the scope of the certification.

The ToE therefore only includes the "Cloud Service" offered by TeamDrive in a certified data center in Germany. Further add-ons and plug-ins from the manufacturer (such as the Outlook plug-in) are separate products and also not included within the ToE.

7. General description of the IT-based service:

The "TeamDrive" service was developed by the manufacturer to enable the simple, secure and fast exchange of data (files of all types) between two or any number of computers via the Internet or internal networks. In this case, the users act in groups to

access a common database, the so-called "SharedSpace" (in the following: "Space"). The service has an authorization concept that enables the differentiated allocation of read and write rights. The "Space" and the users of the respective group are managed via an administrator function.

8. Transnational issues:

The service is offered worldwide.

9. Tools used by the provider of the IT-based service:

TeamDrive Client (general):

Qt 5.12.5 von The Qt Company

SQLite 3.29.0 von D. Richard Hipp

OpenSSL 1.1.1d von The OpenSSL Project

ICU 64.2 von Unicode Inc.

QuaZIP 0.8.1 von Sergey A. Tachenov

QtCSV 1.4.0 von Antony Cherepanov

QHttpServer 2.0.0 von Amir Zamani

http-parser 2.9.2 von Joyent Inc.

QtLockedFile 2.4 von Digia Plc

QtSingleApplication 2.6 von Digia Plc

InstallBuilder for Qt 19.10.0 von BitRock Inc.

TeamDrive Client Windows:

Windows SDK 10.0.17763.0 von Microsoft Corporation

C Runtime Library 14.16.27033.0 von Microsoft Corporation

Callback Technologies CBFS Connect

TeamDrive Client Mac OS X:

Mac OS X 10.14 SDK von Apple Inc.

TeamDrive Client iOS:

iPhone OS 14 SDK von Apple Inc.

TeamDrive Client Android:

Android NDK revision 20 von Google Inc.

Android SDK android-21/android-27 von Google Inc.

Android Support Library Packages 28 Google Inc.

Kotlin 1.3.20 von JetBrains s.r.o.

TeamDrive WebClient:

angularjs 1.7.7 von Google

jquery 3.3.1 von Jquery Team

bootstrap 3.4.0 Bootstrap core team

TeamDrive Cloud Server:

Apache 2.2.15 (CentOS 6)
bzw. Apache 2.4.6 (CentOS 7) von Apache Software Foundation

Yvva 1.4 / 1.5 von TeamDrive

TeamDrive Apache-Modul 1.9 von TeamDrive

TeamDrive S3 Daemon 1.9 von TeamDrive

MySQL Community Version 5.6 / 5.7 von Oracle

Docker 1.13 von Docker Inc.

ibcurl 7.62.0 originally by Daniel Stenberg

MySQL Client Library 3.23.58 by MariaDB

Encryption technologies:

AES 1.0.2q of The OpenSSL Projekt

RSA 1.0.2q of The OpenSSL Projekt

SHA256 1.0.2q of The OpenSSL Projekt

bcrypt 1.0.2q of The OpenSSL Projekt

MD5 1.0.2q of The OpenSSL Projekt

Diffie-hellmann 1.0.2q of The OpenSSL Projekt

HMAC of The OpenSSL Projekt

10. Edition of EuroPriSe Criteria used for the evaluation:

EuroPriSe Criteria (IT products and IT-based services) – version January 2017

EuroPriSe Commentary – version May 2017

11. Evaluation results:

TeamDrive is a "collaboration tool" that enables the simple, secure and fast exchange of data (files of all types) between two or any number of clients via the Internet or internal networks.

During operation, users act in groups to access a shared database, the so-called "SharedSpace" ("Space"). The service has an authorization concept with which the differentiated assignment of read and write rights is made possible. The "Space" and the users of the respective group are managed via an administrator function.

Physically, the "space" is then located on a TeamDrive server. All files are encrypted there. A copy of the space is stored with the individual users of the space on the

systems on which the clients used are installed. With Windows, MacOS and Linux, the data is stored in a file directory. With mobile clients, the data is stored in a database.

The files stored in this way can then either be opened via the client. In the case of a workstation, however, access can also take place directly from the file system. Changes are recognized by the client and files are automatically uploaded to the server space as a new version and made known to other users.

Once a file is stored in a space, all members of the group have access according to their permissions (read or change).

The data is always encrypted on the client side. It is therefore an end-to-end encryption.

The encryption and processing methods used meet all state-of-the-art requirements in order to guarantee the confidentiality and integrity of the data.

Also, as far as personal data are processed by the service provider as a processor, a data protection-compliant use of the service is guaranteed. The service provider offers a data processing agreement that meets the legal requirements of Art. 28 GDPR.

The service provider uses data center services of Microsoft Corporation and Amazon Web Services Inc. for the "Cloud Service" offered by him.

In addition, T-Systems International GmbH is used as data trustee for the Microsoft Cloud.

A so-called data trustee agreement has been concluded with T-Systems, which complies with the legal requirements in terms of data protection.

The service provider has concluded data processing agreements with Microsoft Corporation and Amazon Web Services Inc. Both contracts meet the requirements of Art. 28 GDPR.

It was positively taken into account that the encryption methods used exclude the possibility of the service provider obtaining any knowledge of personal data.

TeamDrive is particularly suitable for use by doctors, lawyers and also in other professions for which particularly strict confidentiality regulations apply.

When using TeamDrive, unauthorised disclosure of contents stored in TeamDrive is fundamentally excluded. Only through faulty human operation could data be disclosed without authorisation.

The technical and organizational measures for data protection and data security taken by the service provider meet the legal requirements in all areas.

The type and method of encryption are carried out in a particularly data protection-friendly variant.

12. Data flow:
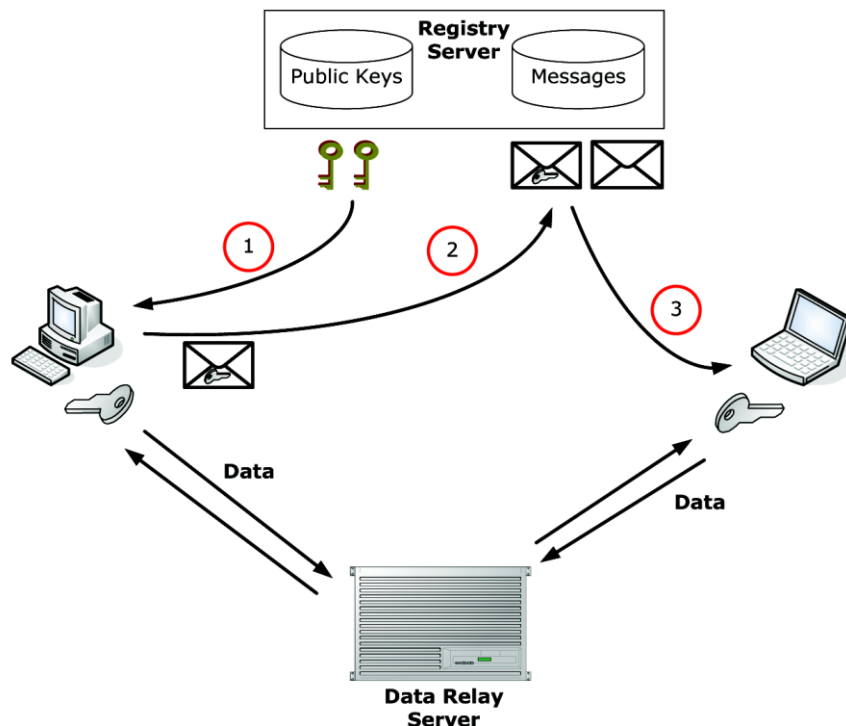
13. Privacy-enhancing functionalities:

The service provider has developed a comprehensive and practical concept for the secure exchange of files within closed user groups and has consistently implemented it. Wherever data encryption appears in the IT world, the question of key management inevitably arises. Exactly this is the great strength of the service. Thus, no key is visible to third parties or unauthorized persons and even in the case of "Man in the middle" attacks, in which the keys to be transmitted may be intercepted, the attacker only has encrypted data in his hand. From the point of view of the experts, an exemplary solution was found here.

Furthermore, the issue of "data protection by default and by design " is taken into account in an exemplary manner, particularly in the registration of users, since only a minimum amount of personal data is processed when using the service.

14. Issues demanding special user attention:

None.

15. Compensation of weaknesses:

None.

16. Decision table on relevant requirements:

EuroPriSe Requirement	Decision	Remarks
Data Avoidance and Minimisation	*excellent*	TeamDrive uses technologies that are particularly data protection-friendly and include state-of-the-art encryption methods.
Transparency	*adequate*	The description and information on data protection and the service itself are understandable and comprehensive.
Technical-Organisational Measures	*adequate*	The manufacturer fulfils all legal requirements for technical and organisational measures for data security.
Data Subjects' Rights	*adequate*	TeamDrive itself is not responsible for safeguarding the rights of those affected. When using TeamDrive, however, the user can comply with the legal requirements regarding rights of data subjects.

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Experts' Statement

We affirm that the above-named IT product / IT-based service has been evaluated according to the EuroPriSe Criteria, Rules and Principles and that the findings as described above are the result of this evaluation.

Flensburg,

January 20[h], 2020   Stephan Hansen-Oest

Place, Date   Name of Legal Expert   Signature of Legal Expert

Kellinghusen,

January 20th, 2020   Andreas Bethke

Place, Date   Name of Technical Expert   Signature of Technical Expert

Certification Result

The above-named IT product / IT-based service passed the EuroPriSe evaluation.

It is certified that the above-named IT product / IT-based service facilitates the use of that product or service in a way compliant with European regulations on privacy and data protection.

Place, Date   Name of Certification Authority   Signature