GDPR
Data Anonymization Tool
by XPLUS

MEET GDPR / PII REQUIREMENTS

Personal Data Anonymization Tool

For **Microsoft Dynamics 365FSCM**
Microsoft Dynamics AX2012

Microsoft Partner | Partner Roku Business Applications 2021
XPLUS S.A

2019/2020
INNER CIRCLE
for Microsoft Dynamics

Gold
Microsoft Partner

PERSONAL DATA ENCRYPTION

WHY?

MEET GDPR / PII REQUIREMENTS

Anonymize, pseudonymize or report personal data to meet legal obligations concerning data protection and management.

INCREASE SENSITIVE DATA MANAGEMENT

Meet your business requirements falling beyond legal needs. Provide tailored, controlled and precise process of sensitive data management.

! **It is not only about GDPR**

It was not a sole GDPR requirements that introduced individual data anonymization needs.

This is a business requirement to limit access rights to selected data sets

MAJOR REQUIREMENTS

1

Anonymization

The process of removing (encrypting) personally identifiable information from data sets, so that the people whom the data describe remain anonymous

2

Pseudonimization

The process of obscuring data with the ability to re-identify it later. Reversible Anonymization. Anonymization reversal is called De-anonymization.

3

Masking

Obscuring data at the application user interface while original values in the database remain unchanged.

ENCRYPTION SCOPE

A

Individual Data Anonymization

Executed at the production environment in order to fulfill individual anonymization requests (anonymization, pseudonimization or reporting)
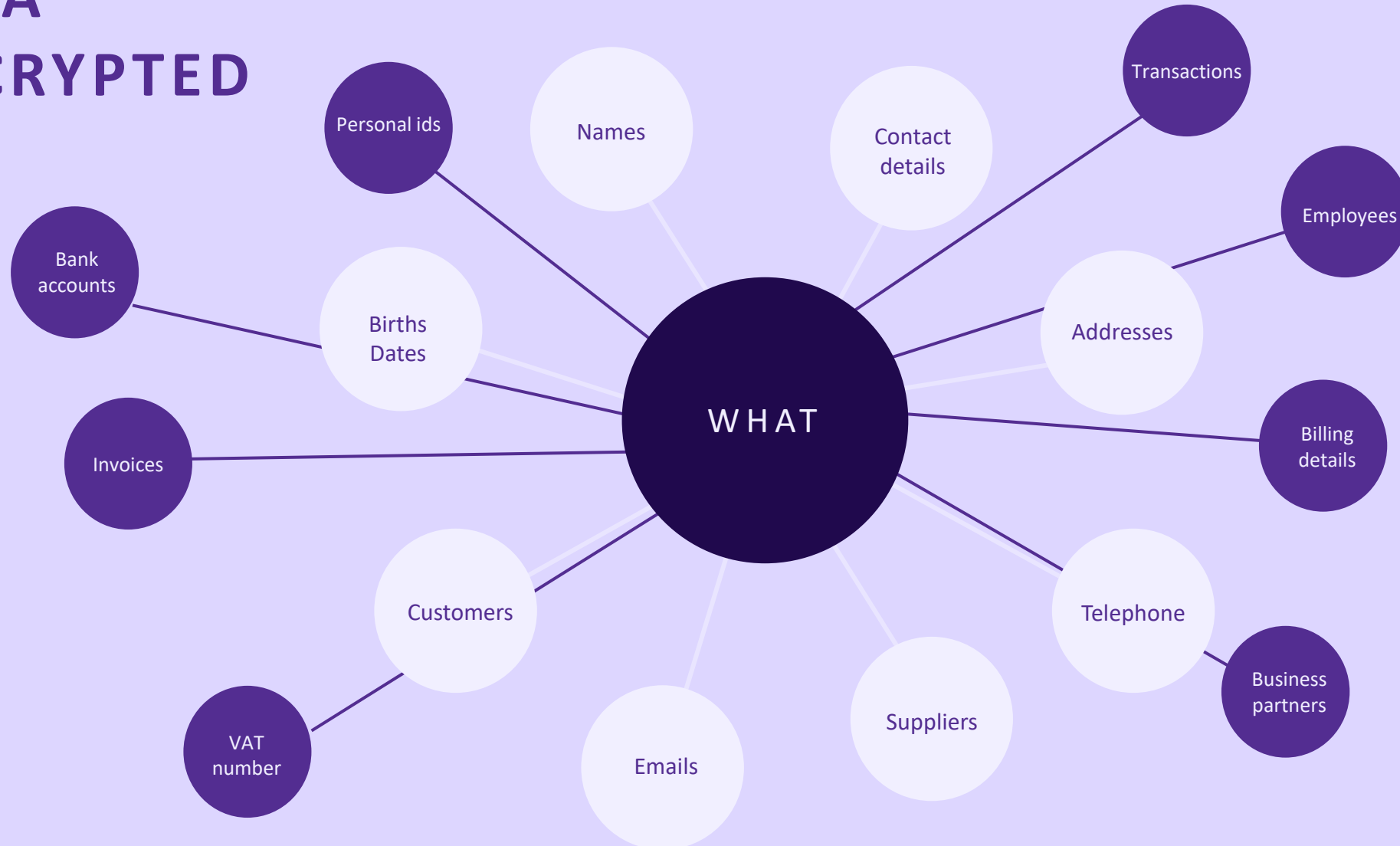
B

Mass (Database) Anonymization

Whenever the production environment is copied, number of tables and fields requires encryption (production copies provided to development or testing teams)

! **Request based anonymization**

Processes triggered manually or automatically

Automated anonymizations

Data scanning and anonymization cadency

BIGGEST CHALLENGES

Fully Controlled Process

Translating Legal Requirements into ERP Application Features	Process Completeness
Encryption Accuracy and Quality	Process Maintenance

TYPICAL ANONYMIZATION USE CASES

1. A right to be forgotten

Periodic data scan and bulk anonymization when data lose its importance to the subject of being processed.
The process is triggered without any external requests

2. Invoiced customers are requesting data anonymization

Pseudonymization of customers data to address anonymization request and keep original data available for finance and tax authority purposes. Pseudonymized data is automatically anonymized after necessary data retention period (ie. 10 years).

3. Database anonymization

Whenever MS Dynamics AX/D365 application is copied for development, validation or testing purposes, a real production data should be encrypted. Number of tables and fields should be anonymized precisely, fast and repeatable.

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Working with the tool is comprised of 3 stages:

1. Build a **search configuration** criteria, including:
   - system or custom tables and fields used in the anonymization (for anonymization or filtering purposes)
   - search, filtering and validation rules to narrow or extend configuration results
   - encryption rules and methods

2. Build **anonymization requests** using existing configurations

3. **Incorporate** anonymization requests into AX/D365FO business processes

Live demo will show 3 different Use Cases:

1. Customer request to be anonymized (processing email, name when all transaction are closed – test table)

2. A right to be forgotten (all customers without any open or any new transaction since last 2 years)

3. Building automated anonymization job (schedule) for 2nd use case

4. Database anonymization

Database Anonymization Tool

for AX2009/2012/D365FO
predefined sensitive data list
sensitive data scanner
customizable sensitive data list
unique hashng algorithm
data encryption rules
import / export
anonymization sandbox (test data)
optimized for performance

Personal Anonymization Tool

for AX2012 / D365FO
search configurations
customizable requests
anonymization, pseudonimization
data reporting
encrypting rules & methods
acceptance workflows
automated jobs
ready for integrations
predefined setups
configuration support
optimized for performance

Easy Adoption

deployable packages & manuals
initial training & onboarding
implementation support
JIRA desk support lines (with SLA)
certified by Microsoft
available GDPR consultancies

! Request your **Free 14-days trial** at Microsoft AppSource (XPLUS Data Anonymization Tool)
or contact us directly at **GDPR.xplusglobal.com**

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