



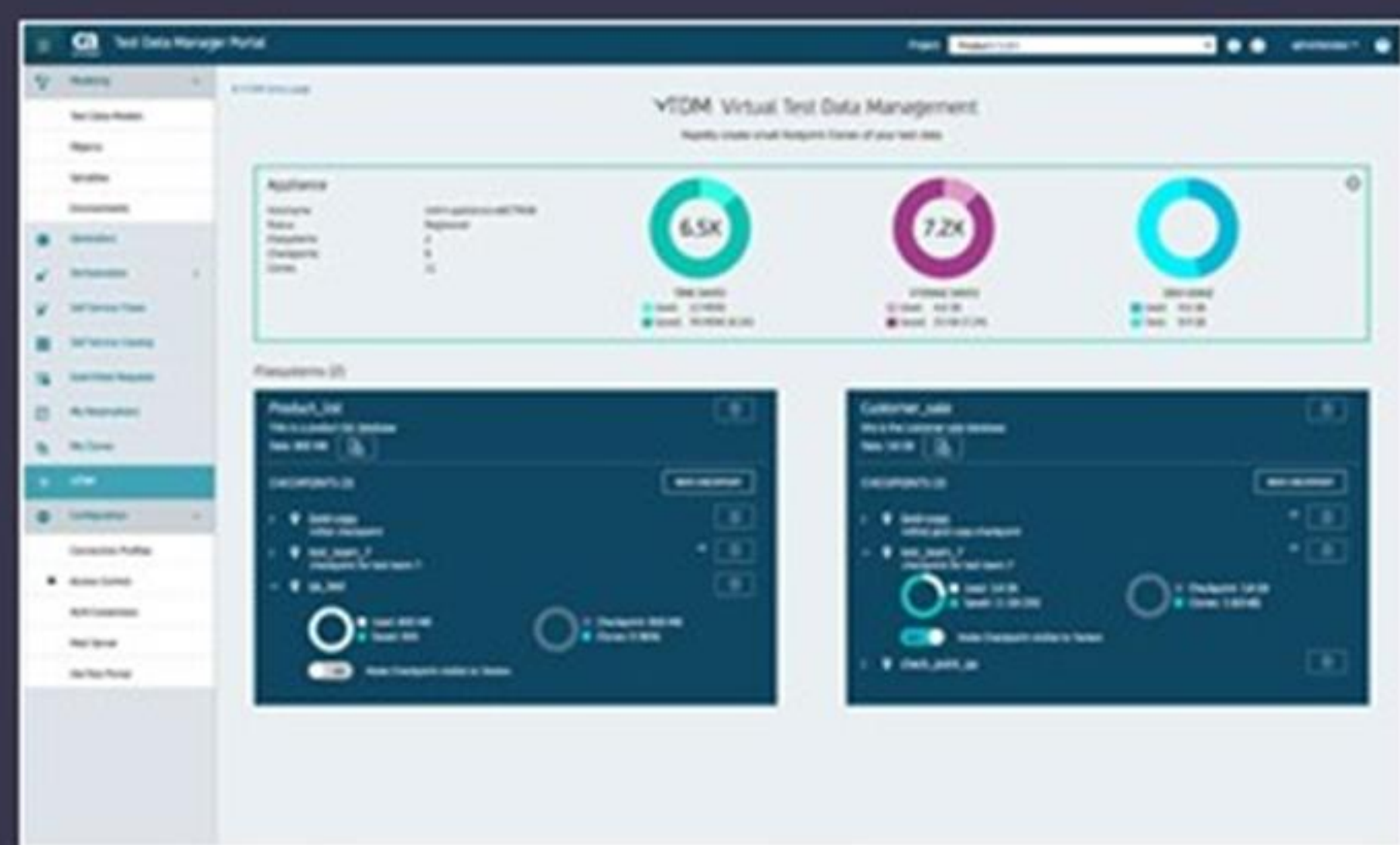
CA Test Data Manager

Release 4.4

Wilfred Mathanaraj, *TDM Product Owner*
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What is CA Test Data Manager?



CA Test Data Manager

Builds **Test Data at the Speed of Agile** by:

- identifying your existing test data and
- Generating missing test data for complete coverage – synthetically, virtually, and compliantly (supports GDPR+ other regulations)

Fast and Efficiently

Challenges:



Lack of test data delays testing:

Teams can wait days or weeks for the right test data to be located or manually created



Traditional Testing Inefficiency:

70% of all test data creation is done manually – unfit for the speed & velocity needed in agile

How We Do It:



1. Complete Test Data Solution:

Masking/subsetting, synthetic data gen, find and reserve, virtual data

3. Compliance Tools: Locate existing PII data and flag for remediation with heat maps & reports

2. Admin/Tester Friendly Portal:

Locate, generate, manage test data from a test data portal

4. Agile Testing: Deliver testers with high quality test data for maximum coverage within a sprint

Business Results



Better test data
More compliant test data
Reduced testing costs

"We had about \$1.1 million in savings on just the financials...What it came down to is, when we started creating our data using CA Test Data Manager, we reduced our hours used by about 11,800"

-Senior Specialist at Cox Automotive
[Central Station](#)

CA Test Data Manager Personas



Director of QA/Test

I'm looking for the right data for my teams to use for different tests. I want tools that will make my life easier, that are menu driven and provide me a faster way to get the test data needed for each sprint.



Director/VP of Compliance

I have responsibility for ensuring the security of our internal data. This includes customer data that is often used for testing purposes. I need solutions that will help me manage multiple data privacy and compliance laws.



Test Data Engineer

I'm looking for patterns in the requests for test data from the Director of Test. I'm concerned about getting the right data to him/her and must be able to communicate my needs to the Ops person.



Ops/DBA

I'm the gate keeper for the production data. The more easily I can gather the right data for the Test Data Engineer, the more I can focus on other areas of my job. I want to be able to pull data quickly to minimize the impact of frequent data requests.

What's in Test Data Manager 4.4?

- GDPR PII Data Profiling
- vTDM Oracle 12c Support
- Turnkey Launch Support
- Telemetry Support in Test Data Manager

More details on Features on our revamped communities page @ <https://communities.ca.com/community/ca-test-data-manager/blog/2018/01/03/whats-new-in-ca-test-data-manager-release-44>



Notable Recent Data Breaches

Yahoo

- 1 Billion accounts compromised!
- Names, email addresses, passwords and other data was leaked

Equifax

- Affected 143 million customers in the US & Canada
- Names, addresses and social security numbers were compromised

Deloitte

- Breach leaked emails, passwords and personal details of high-profile clients
- Ironically, Deloitte provides cyber security consulting services!



How do you make test data a competitive advantage?

Protect data privacy

KEY CHALLENGES:

- Strict data protection requirements and heavy penalties
- Expanded definitions of personal data
- Data use restricted for testing and pre-production systems; strict breach reporting requirements

SOLUTION:

Knowing what personal data you have, where it resides, and how it's protected is critical. CA can help you find and protect data, limit potential breaches and better plan your data privacy project across the organization.

Anonymize or create synthetic data for use in testing

Identify PII data and profile it for greater security

Find, classify and protect sensitive mainframe data

Monitor and manage compliance across IT portfolio/projects

Helpful Resources

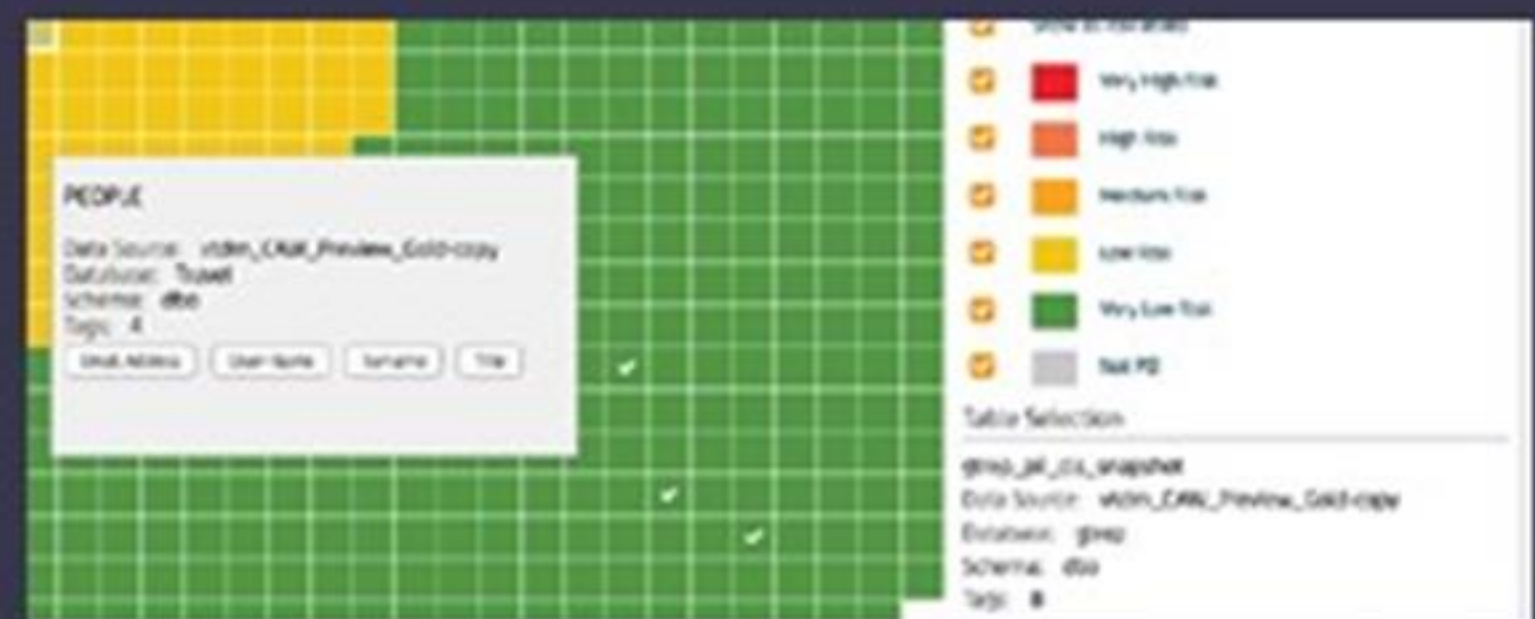
Get the 2-page Reference Guide for PII Data Discovery & Profiling

- Available now on the CA Solutions Workbench



Watch the Video Demo on YouTube

- <https://www.youtube.com/watch?v=cAQGf24sHi4&t=172s>



PII Profiling Demo

What else is included in TDM 4.4?

- vTDM Oracle12c
 - We have now extended data sources to include Oracle 12c in vTDM.
- SAP Support via Turnkey
 - With the latest TDM Release Turnkey provides a solution to support SAP with TDM
- Telemetry
 - With the latest TDM Release CA provides an option for customers to enable telemetry reporting to help CA create a better product



Upcoming Data Privacy Webcasts (referencing GDPR)



1/11 – Live Video Chat on DevOps.com:

- Is GDPR Getting Ready to Give your Company the Left Hook?

1/24 - Global Webcast @ 11:00am ET on Dzone

- Topic: Sprint to the (Application) Finish with GDPR-Compliant Test Data
- Speaker: Bonnie Yeomans, Assistant General Counsel at CA
- Replay again on 2/14 on Brighttalk @11am ET



Data Privacy Webcast

January 24, 2018 11 AM ET / 8 AM PST

[Register Now](#)

Protect Data Privacy and Ensure Regulatory Compliance

Data privacy is not easy, you have to ensure your customer's sensitive information is secure while complying with a variety of regulations such as SOX, HIPAA and the EU's GDPR. But data privacy never ends, and the laws are constantly changing.

You may not know that CA Technologies is in the data privacy business however we have a complete set of targeted software solutions that can help you strengthen your data privacy strategy.

On [January 24, 2018](#) at 11:00am ET, join **Bonnie Yeomans, Asst General Counsel at CA Technologies** as she clearly explains how your teams can deliver compliant data at the right time to every team that needs it. We will also review:

- Traditional Testing Techniques and their strengths and weaknesses
- The world of synthetic data creation
- Virtual Test Data Delivery and gain an understanding of these trends
- A game plan for GDPR compliance in the testing space

Kind Regards,
CA Technologies

EU General Data Protection Regulation

Are you ready? The clock is ticking for companies to be compliant with the GDPR. We can help.

[View Report](#)

[Get Research](#)



Thank You.

