



STORKEY & Co
MANAGEMENT CONSULTANTS

New Developments and Trends in ICT

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Public Debt Management Forum**

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Let me cover ...

Debt
Management
Systems

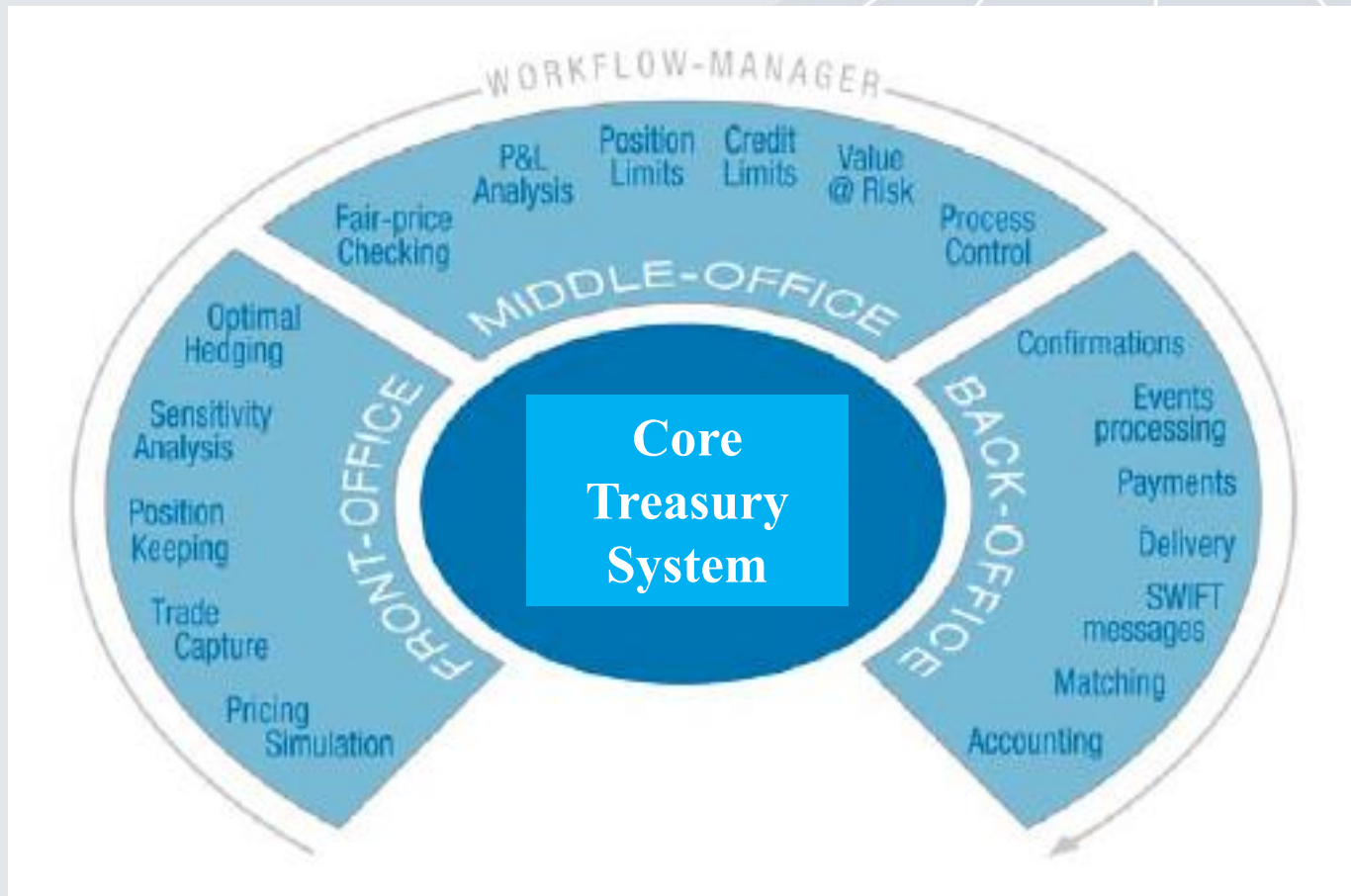
Moving to an
Open
Platform

Possible
Future
Trends

Debt management system trends

- Collection of all transaction data at the point of origination
- Follow a Straight-Through-Processing (STP) approach with control points that automate the workflow
- Has a Single Logical Database that is the repository for all transaction and derived data
- Integrates with budget, payment, accounting, and other external applications
- Allows flexible reporting including XML based output for web-based delivery of reports

Debt management system functions



Which system to choose?

CS-DRMS
DMFAS

Vendor
Systems

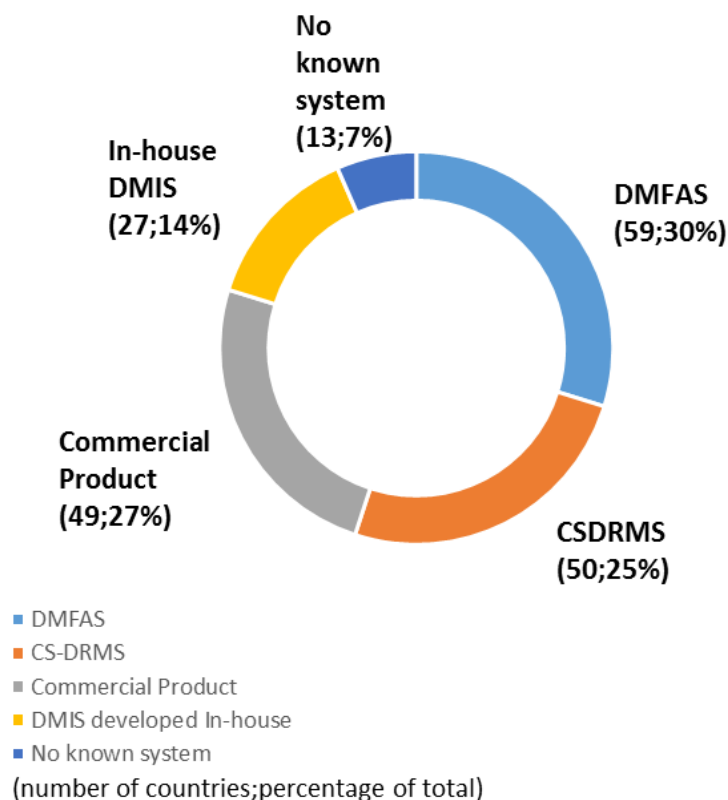
In-house
Developed
Systems

Debt
Management
Office
ICT Strategy

**Advantages/Disadvantages
of each of the three Options**

Debt Management Information Systems

**DMIS used by countries
based on 198 countries (2017)**

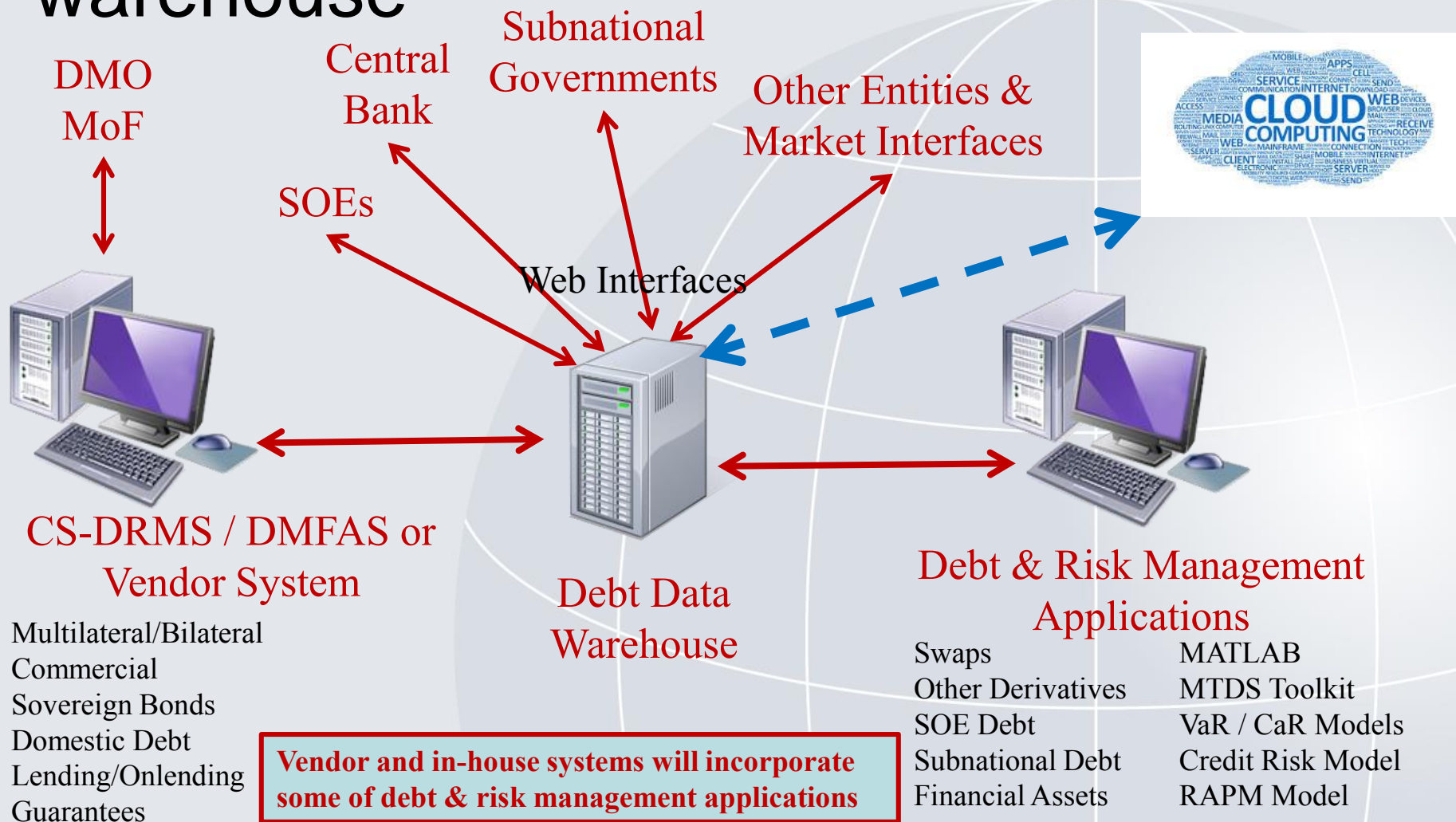


Source : World Bank PFM Systems and eServices Global Dataset

Graph provided by Jose Maurel, PDM Practice as extracted from the World Bank PFM Systems and eServices Global Dataset

<http://data.worldbank.org/data-catalog/pfm-systems-eservices-dataset>

Open platform using a debt data warehouse



SaaS or hosting service

- Software as a Service (SaaS), sometimes referred to as "on-demand software", is a software delivery model in which software and associated data are centrally hosted at a **vendor site** or **in the cloud**
- SaaS is typically accessed by users using a thin client via a web browser
- Systems incorporate various security measures and encryption technologies to assure the privacy of the data
- **Some DMOs have moved to using SaaS or hosted services for their debt management system**

Possible future trends ...



These systems could be introduced within the debt and cash management environment for internal processing and interfacing to external providers & users using biometric security controls



Interface to Mobile Apps



Biometric Controls

