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# 7

*Taking debt  
management to  
the next level*



- I**NNOVATIVE
- I**NCLUSIVE
- I**NTUITIVE
- I**NTERNATIONAL
- I**NTERCONNECTED
- I**NTELLIGENT
- I**NTEGRATED

7 reasons to adopt DMFAS 7  
software and be “In” with  
global debt management  
standards





## INNOVATIVE

*The focus of UNCTAD's Debt Management and Financial Analysis (DMFAS) Programme is to offer complete and innovative solutions to debt management offices in line with international standards and best practices.*

The rapidly changing global financial landscape puts significant pressure on debt management offices to manage more complex debt instruments, to meet transparency requirements, to handle data quality issues and to improve operational risk management. Moreover, software industry advances make it necessary to modernize the DMFAS technological framework. The Programme strives to help countries meet all these challenges.

With DMFAS 7, debt offices will benefit from a new version of the DMFAS software that is:

- ◆ **Inclusive:** Broader coverage of debt data to include non-traditional debt instruments, contingent liabilities and financial derivatives
- ◆ **Intuitive:** New and more intuitive web-based interface, managerial reports and dashboard
- ◆ **International:** Integration of international standards for accrual accounting, audit, classification, reports and debt data validation
- ◆ **Interconnected:** Improved integration of debt management with Public Finance Management (PFM) and Integrated Financial Management Systems (IFMIS)
- ◆ **Intelligent:** Compliance with latest standards for Web applications (Cloud technology), strengthened security, faster connectivity, processing and accessibility as well as improved portability
- ◆ **Integrated:** Comprehensive capacity-building package for debt managers



# INCLUSIVE

*DMFAS 7 scope for debt instruments is more inclusive than ever.*

## **Broader coverage of instruments**

Coverage of instruments is being considerably enriched to include not only traditional debt instruments (loans and debt securities) but also additional instruments to cover total public sector debt, including recording and monitoring of:

- **Non-traditional debt instruments** (domestic arrears, currency and deposits, SDR allocations and other accounts payable)
- **Contingent liabilities** including the ones deriving from Public Private Partnerships, loan guarantees and private external non-guaranteed debt
- **Financial derivatives** such as futures, options and swaps

A thoroughly **redesigned Debt Securities module** is offering improved recording of many instrument types such as indexed bonds. It is facilitating linkages with the Auction module, enhancing valuation, calculating yield curves and optimizing re-openings and liability management operations.

**The extended Reorganization module** is handling all types of reorganizations and is measuring the resulting impact and debt relief.

**Borrowing plans and negotiations.** Front offices will benefit from a new module allowing for the recording of borrowing plans and auction calendars. This will facilitate decision-making for new borrowings by enabling in-depth analysis and comparisons. DMFAS 7 will also help front offices monitor the new instruments negotiation process.



# INTUITIVE

*DMFAS 7 has been conceived to offer its users the best possible user experience in terms of usability, comfort and ease.*

**Fully revamped Web-based interface:** The new interface is improving overall performance by enabling fluid navigation, streamlined workflow among the modules, clearer identification of data fields, optimized searches and simplified data entry.

**Dashboard:** A dashboard is displaying consolidated debt data. This include up-to-the minute statistics, alerts, metrics and key indicators. Graphics will also provide you with a snapshot of the database at any given moment.

## **New tools:**

- **Wizards** will be guiding users through some of the more complex tasks such as creating user-defined reports or customizing modules.
- **Libraries of templates** will contain instruments with pre-filled data to reduce recording errors such as improper classification.
- An **advanced reporting tool** will facilitate the generation of dynamic and comprehensive debt statistics and managerial reports, including graphs and charts as well as facilitating full debt portfolio analysis.

## **Extended calculation methods**

DMFAS 7 is supporting extended calculation methods, mainly on complex debt instruments, as applied by different creditors. Existing methods are being updated in conformity with accounting rules and standards.





# INTERNATIONAL

*Available in English, French and Spanish, DMFAS 7 can be adapted to any other language.*

## Complying with international standards

DMFAS 7 reflects the Programme's firm commitment to compliance with prevailing international standards:

- Supporting calculation of debt positions based on **accrual accounting**, as per the recommendations of the International Public Sector Accounting Standards (IPSAS).
- Improving operational risk management through robust **Auditing and Security modules** meeting the standards of the International Organization of Supreme Audit Institutions (INTOSAI).
- Complying with the recommendations of the IMF and World Bank **external debt and public sector debt guides**.
- Generating **reports** as requested by the World Bank for the Quarterly External Debt Statistics (QEDS), Quarterly Public Sector Debt (QPSD) and the Debtor Reporting System (DRS).





# INTERCONNECTED

*Half of DMFAS user-institutions have already integrated DMFAS with other financial systems.*

In keeping with this trend, DMFAS 7 is supporting the integration of debt management within **Public Finance Management (PFM)**.

It is enabling links with other systems such as **Integrated Financial Management Systems (IFMS)**, Central Depository Systems (CDS), Reuters and Bloomberg.

DMFAS 7 is providing data that supports the elaboration of **Medium-term Debt Strategy (MTDS)** and **Debt Sustainability Framework (DSF)**.

It is further improving data quality through new tools such as the **Workflow** and reinforced data validation. It is also integrating a new tool based on the **Debt-Data Quality Assessment (Debt-DQA)** jointly developed between UNCTAD and the Commonwealth Secretariat.

## **Improved helpdesk**

The DMFAS Helpdesk offers online tracking of bugs, issues and enhancement requests available to DMFAS users. Users can always rely on the dedicated DMFAS Helpdesk to respond quickly to any urgent issues or inquiries they may have.

DMFAS 7 is also introducing smart new helpdesk communication tools to ensure faster responsiveness and distribution of system upgrades.





# INTELLIGENT

*DMFAS 7 is being built using state-of-the-art, cutting-edge technology. It is developed with the latest Web Design and Application Standards, and implementing the latest JEE features and standards in order to:*

- **Ensure full compatibility with the latest technologies for Web Applications** (Java, etc.)
- **Support Cloud technologies** and ‘Software as a Service’ environments
- **Ensure faster connectivity and processing time** for user experience
- **Guarantee highly secured environments**, including compliance with latest network security standards (https; reverse proxy configurations)
- **Enhanced accessibility** through mobile and handheld devices
- **Support the open security model** for easy interoperability with third party, customer-created or legacy security solutions
- Implement services using frameworks that enable **Rapid Application Development**
- Facilitate the deployment of the application on any **standard Web Application Server**
- **Broaden the operating system support**, allowing an increased flexibility in deployment choice





# INTEGRATED

*A comprehensive capacity-building package*

Training is the key factor in the successful long-term use of DMFAS 7. The DMFAS Programme's technical assistance comprises an integrated package that delivers not only the software and its updates, but also a full range of **training and capacity-building** services including:

- Technical and functional training on the software
- Capacity-building in debt data validation, debt statistics, debt portfolio analysis and procedures
- E-learning on mastering the basics of Government securities market and financial calculations
- Self-learning material available in the DMFAS website, including e-learning courses, tutorials and factsheets
- Certification course for DMFAS users

The DMFAS Programme can tailor training activities to match the wide and varied needs of debt offices. Experienced instructors provide relevant, hands-on training while encouraging best practices both at the technical and functional level.



Visit our web site: [www.unctad.org/dmfas](http://www.unctad.org/dmfas)

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