And here we were in 2017, still facing major challenges on LMIS. Despite improvements made on paper LMIS and on in-country health commodity supply chains in previous years, we saw that several structural challenges remained:

- **Data & information visibility and accuracy related issues:**
  - Lack of real time visibility of supply chain information
  - Lack of reliable data / issues with data accuracy
  - Data missing or not reported in the paper process: part of the data missing or reported untimely
  - Lack of an ‘end to end’ view, especially the ability to view the situation at the last mile

- **Process & tools related issues:**
  - Lack of robust processes and systems to manage storage and distribution, especially in the bottom part of the health pyramid
  - A high level of attention and effort of the staff involved in the supply chain absorbed by (partly) manual reporting and operational tasks related to the paper systems. This includes
  - parallel reporting systems and various tools (manual or electronic) used for supply chain management that do not exchange information or interface: lack of integration
  - Poor forecasting and quantification, partly because of some of the issues above
  - Suboptimal stock levels in the supply chain causing higher than needed costs and expiration
  - Where electronic solutions exist: many bespoke solutions but lack of standardized yet versatile, out of the box solutions that are simple and that work

So, in 2018, we designed the **MEDEXIS package** ...

**What is Medexis?**

- A modern, out-of-the-box, easy-to-use and affordable e-LMIS system.
- Together with our technology partner XNR, we designed Medexis from a user perspective upward (bottom-up):
  - starting at primary health centers,
  - via second line hospitals, district and regional warehouses all the way up to the central medical store and central coordination at the Ministries of Health.

The Medexis software tool is an integrated one stop platform for end-to-end supply chain management covering the following functionalities:

- Reporting and dashboards
- Order fulfilment
- Warehousing, Inventory Management and Transportation Management

But Medexis is much more than ‘only’ a software tool: we offer Medexis as part of a ‘package’ that consists of:

- End user support with help desk
- Training and implementation (including change management)
- Technical Advice, Supply Chain Design, Supply Chain Analysis

In short, we have almost 15 years of experience and expertise with Public Health Supply Chain Management bundled in this package, which comprises the Medexis software tool, its implementation and the Technical Assistance around it:

**MEDEXIS features:**

- **Versatile and open:**
  - MEDEXIS release 3.0 (released end June) has the following capabilities:
    - Inventory management and reporting
    - Transportation management and product tracking
    - Reporting of inventory, stockouts, expiries, consumption
    - Monitoring capabilities, including early warnings/alerts
    - Budget and credit management
    - GS1 data matrix compliant
    - Label and Barcoding printing
    - Batch tracking
    - French and English language
    - Interface seamlessly with ERP systems and DHIS2

For all levels of the in-country supply chain up until the last mile.

**MEDEXIS has multi-users interfaces**

- for web browsers, smart phones and tablets:
  - Map based views: allow quick localization of issues and needed actions
  - Off-line capability with the mobile App
  - 'Hands on': this robust e-LMIS is highly practical and it works
  - Easy to use
  - Simple and intuitive
  - Enables data-based decision making based on real time visibility
  - By-program visibility
  - Improvement of integration and parallel reporting systems and various tools (manual or electronic) used for supply chain management that do not exchange information or interface: lack of integration
  - Improved control over the supply chain up to and including the last mile
  - Possibility to include dispensing/health worker level
  - Improved control over the supply chain up to and including the last mile
  - Possibility to include dispensing/health worker level
  - By-program visibility
  - Map based views: allow quick localization of issues and needed actions
  - Off-line capability with the mobile App

**Affordable:**

**MEDEXIS** is available as a Software as a Service (SaaS). Because i+solutions is a non-profit organization we offer the system at a very affordable price with a sliding scale for higher numbers of users.

**Benefits:**

- Simple and intuitive
- Easy to use
- ‘Hands on’: this robust e-LMIS is highly practical and it works
- Enables data-based decision making based on real time visibility
- Improved control over the supply chain up to and including the last mile
- Possibility to include dispensing/health worker level
- By-program visibility
- Map based views: allow quick localization of issues and needed actions
- Off-line capability with the mobile App

And now, in 2019, we are piloting **MEDEXIS in Burundi.**

**Do you want more information?**

**URL:** www.medexis.org

For more information and request for product demonstrations please contact:

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**MEDEXIS** is recommended for consideration to improve supply-chain data management in countries supported by Global Fund and collaborating partners:

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**Map based views: allow quick localization of issues and needed actions**

**Off-line capability with the mobile App**

**'Hands on': this robust e-LMIS is highly practical and it works**

**Easy to use**

**Simple and intuitive**

**Enables data-based decision making based on real time visibility**