NEWSLETTER

#5/January 2019

EDITO

2018 was a year of remarkable progress for eLSA.

A workshop with 20 internal users from LGM was organized to share on functional evolutions of the tool. From this event the roadmap of 2019 is born.

During Eurosatory and WNE shows, the presentation of eLSA aroused the curiosity of future users. It allowed us to organize many other events throughout the year as conferences, workshop, demonstrations …

Our ambition to build together a new vision of the engineering support has inspired us for the construction of the new eLSA website.

All of these topics allow us to approach this New Year with new projects such as the creation of a "User Group eLSA" from the second half of 2019, on which we look forward to seeing you participate.

We wish you a happy new year and a good reading!

ALEXANDRE TOUCHOT
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The eLSA website is modernizing

The website of our Logistic Support Analysis solution eLSA is modernizing! Find the new version online and subscribe to the solution newsletter!

In the January 2019 edition, there will be some technical focus, presentation of the future events and even more.

elsa.lgm.fr/en/

200

You are more than **200 regular readers of the eLSA newsletter and we thank you**.

Among you, more than the half are foreigner readers. We have the pleasure to publish also this **newsletter in English !**

SOLUTION DEPLOYMENT ON **SCORPION PROGRAM**

A Logistic Support Analysis solution which supports two new generation standards, it is possible! In October, LGM delivered a highly customized eLSA version to the DGA for the Scorpion program.

The Scorpion program aims to equip the French army with a new generation of vehicles: Griffon and Jaguar. Based on the eLSA expertise and the LGM engineers reputation, the DGA and the SIMMT asked LGM to provide a Support Analysis solution for the program.

So far, nothing special for the experts as we are …

"Except that in Scorpion program, the data exchange is governed by the ISO 10303-239, or PLCS standard*. That's where it gets complicated." explains Alexandre Touchot, the eLSA project manager. This challenge will be presented at the end of January at the NATO conference in Brussels and seems to be a first worldwide.

It is a technological challenge as much as a requirement!

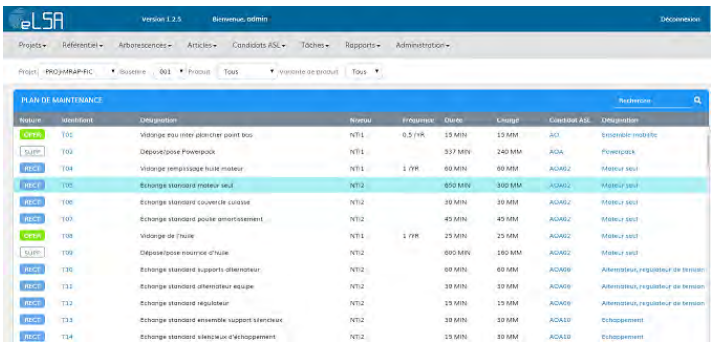
In two years, LGM developed a version of eLSA capable of working the data according to two normative standards.

On one hand, the LSAB (Logistic Support Analysis Base) which gathers the incoming data is created and exploited in compliance with the ASD S3000L – the new generation LSA specification.

On the second hand, the exchanges between the program information systems are compliant with the PLCS standard, in charge of unifying the modeling of the support data.

One solution and two standards: "This is the innovative nature of this version of eLSA" says Alexandre Touchot. "We didn't succeed alone but thanks to a solid partnership with Eurostep for the information systems part".

ELSA 1.2.4, WHAT'S NEW ?



Since the last newsletter, the LGM team hasn't stopped improving your solution of LSA production. Recently, the 1.2.4 version was released for internal needs. What are the improvements of the release?

Excel Reports : Each standard report are now available as Excel spreedsheet. PDF format and structured XML were available since a long time, you can now use Excel spreedsheet to exploit datas issued from eLSA with a better flexibility.

Ergonomics: the visual of the solution is evolving to improve the user experience by making it more pleasant and intuitive. From now on, the navigation in the solution is possible thanks to the hyperlink as: site elsa.

Access rights affectation: the management of the project access rights was also revised. The administrator henceforth can affect the modification right to each user through a dedicated page.

LSAB comparison: eLSA was already able to manage multiple LSAB at many stage of progress. It is now possible to compare the differences between two bases thanks to a report: eLSA-COMPARE.

If you want more information about one of the functions, contact us !

THE FUNDAMENTALS OF THE LSA STUDY : ILS SPINE

The LSA allows to specify the elements of the support system thanks to analyses. The process is rigorous and the eLSA solution helps to follow each step thanks to a golden thread. Menus of the solution are the key steps of a LSA study, as:

- Creation and identification of the project and the products
- Constitution of the referential and following of the LSAB evolvement
- Creation of the breakdowns
- Identification of the products
- Selection of the LSA candidates and following-up the analyses
- Creation and identification of the maintenance tasks
- Report edition and exploitation of the LSA data

Thanks to this menu, you will be able to know every moment at which step of the project you are and what are the previous and the following steps.

EDIT OF EXPERT, CONSISTENCY AND DECISION HELP **REPORTS**

One of the advantages of the eLSA solution is the direct edition of the reports.

Once the project has taken place in the solution, you can edit in only one click some expert reports as the data dictionary, the logistic breakdown or the maintenance plan. Each report is customizable according to your needs thanks to a filters system

FOCUS ON TOOLS AND TEST EQUIPMENT REPORTS

How to exploit the list of tools and test equipment defined during your analyzes ?

In eLSA solution, it is possible to have multiple views in the tools and test equipment report as:

- **By maintenance task,** which ables you to know, for each task, which tools are needed to perform the task and all the data to measure the utilization rates
- **By level of maintenance,** knowing that the level of maintenance are attached to exploitation or maintenance site, it is possible to estimate the acquisition and tool utilization cost
- **By tools and test equipment,** to determine the most used tools and to improve the distribution

Of course, this list is not exhaustive, eLSA has the capacity to filter the report to help you exploit the tools and test equipment list. Moreover it is possible to extract the report in PDF or EXCEL format.

LSA CANDIDAT SELECTION

The capability to select LSA Candidat is in work. Still focused on th idea to centralised a LSA Study in eLSA, analysts will be able to define the most important parameters that must be take in account. With this funtion, and the informations added during the processus, analysts will be able to select the candidat with the best optimisation capacity.

More informations coming in the next eLSA's newsletter from April 2019

EURONAVAL **SHOW**

The Euronaval show took place from the 23th to the 26th october 2018 with more than 450 naval exhibitors.

This event was an opportunity to present (again) all the expertises of LGM group as the eLSA solution

15TH NATO LIFE CYCLE MANAGEMENT **CONFERENCE & EXHIBITION**

The 15th edition of the conference « NATO life Cycle Management » took place on the 29th and the 30th January 2019. On this occasion, the LGM group had the chance to animate with the DGA and the Eurostep partner the conference about: PLCS (Product Life Cycle Support) for Data Sharing between French MoD and Industry.

We enjoyed to meet visitors at LGM stand for eLSA solution presentation for two days, to improve the production of Logistic Support Analysis. eLSA helps for the creation and the exploitation of the LSAR compliant with the ASD S3000L specification.

You contact: Alexandre TOUCHOT – alexandre.touchot@lgm.fr
15th NATO Life Cycle Management

TRAINING SESSIONS **MAINTENANCE ENGINEERING**

During the last quarter, **4 training sessions were led by our experts for three of our clients,** major players in the defense sector:

- **Data Model S3000L (Catalog ILS-08)**
- **Introduction to the ASD Specification S3000L (Catalog ILS-07)**

The next session will be from the 3rd to 5th April 2019. It will be about "Introduction to the ASD S3000L Specification: Understanding the ASD S3000L Specification for Project ».

Discover our training courses :

Download our catalog

Do you want to register ?

Contact us

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INTERVIEW

Clémentine Ponçin
ILS Analyst at THALES

Thanks to the Integrated Logistic Support expertise and the knowledge about the ASD specification, LGM offers a specific S3000L course. The first module focuses on the process and the second one on the data model.

Clémentine Poncin, logistic support analyst for Thales, participated to the S3000L data model course. Half a day of the training is dedicated to the exploitation of the data model with an IT tool. Clémentine had the opportunity to experiment all the stages of the LSA process in the eLSA solution.

> ***« Logic and intuitive, the tool makes the normative aspect transparent for the user.. »***

As a logistic support analyst, Clémentine joined a think tank which aims to determine the advantages to migrate from the MIL-STD 1388-2b data model to S3000L data model. The aim is to initiate a support referential for all existing data and to use all the possibilities offered by the S3000L to use the referential during updating or rework concept for new system. Clémentine wants to explore all the possibilities offered by the S3000L to improve the data structuration without the constraints of the old data model.

Her expectations are simple. In addition to the freedom offered by the specification, she wants an IT-solution without any constraint for the data entry, to have the capacity to link multiple documents to element of her data base as datasheet, calculus note, data module S1000D, and to keep the traceability of the analyzes.

All of those demands are possible with the S3000L and exploitable with the eLSA solution.

"The eLSA solution offers a simple and ergonomic interface, close to the everyday desktop tools, which helps to accommodate with the solution.

Logical and intuitive, the data entry is possible without any previous S3000L training. The normative aspect is transparent to the user.

Moreover, the data exploitation capacity by creating some pre-existing and customizable reports, is really interesting.

The S3000L deployment seemed to me complex to me.

However, after following the training and seeing the data model exploitation in a specific solution, I am convinced of the deployment benefice of this new specification and reassured about its implementation."