

## Édito

First of all, we wish you all a Happy New Year 2016 !

This new year marks a turning point for the eLSA tool (which, in passing, saw a small change to its name) in the cooperation with the company Eurostep and its tool Share-a-Space.

We also discuss the extremely important concept applicability to ensure non-duplication of information and implementation of eLSA.

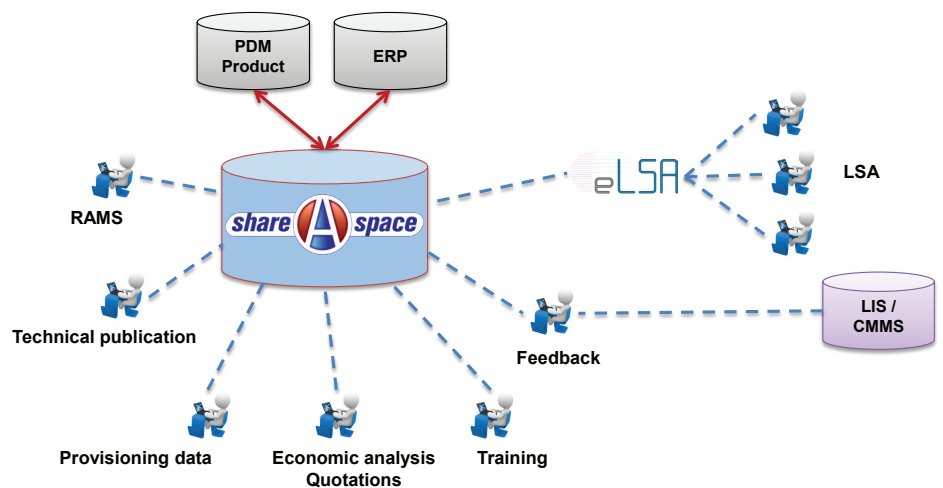
Enjoy Reading !

## The collaboration of LGM and Eurostep

To meet the first issues addressed by our customers, an extended version of eLSA will be implemented based on the Share-a-Space solution developed by the company Eurostep, a specialist for collaborative tools within the PLM.

Share-a-Space is a secure collaboration solution and is based on the international standard PLCS (ISO 10303 AP 239). This ISO norm aims to standardize information exchange between systems.

The use of this technology provides greater flexibility for eLSA, making combinations possible with other enterprise software (PDM, Supply Chain, ERP, ...) and improves the scalability of the solution. Most importantly, the addition of new functionalities or new interfaces is realized by the use of reusable standard components. By implementing the PLCS standard, these components are able to cover all life cycle of complex product information.



## The eLSA Applicability Concept

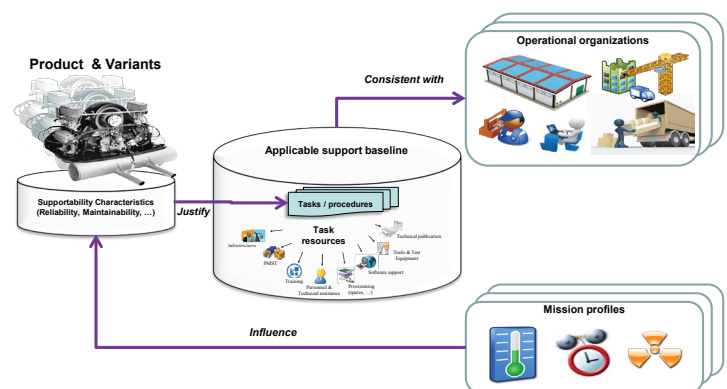
The concept of applicability (or effectivity) defines the validity of information in a given context. This tailoring of applicable information is very interesting in the presentation of supporting data and intervenes at several levels.

In a first step it defines the complexity of the product which can naturally include composition variations (alternatives). It is necessary in this case to specify which alternative support data is applicable to any variant of the product: For example a diesel distributor cap is applicable only to the diesel variant of a vehicle. This variation-tailoring of support data has long been used in the field of analysis with logistic support, in particular using the standard MIL-STD-1388 2B.

The second level of the applicability concept applies to the maintenance plan and all associated information (planning, resources, ...). Even within a single product variant, the maintenance plan may contain alternative scenarios. These process variations can for example be linked to:

- Specific organizational circumstances (customers or sites with different means or maintenance concepts);
- Varying conditions of employment affecting the periodical planning or frequencies of occurrence of certain preventive or corrective tasks;

- Any other conditions likely to change the use of a human or material resource within the maintenance planning.



These two levels of applicability definition are accessible within eLSA. Within the tool, a simple click on a tree diagram can define a component or action applicable or non-applicable for any given variant of products or product processes. For the applicability of elements within the maintenance plan, standard condition assignments will be available for each new alternative process created by the user.

## Presentation on Log.Net



eLSA, based on Share-a-Space will be presented to LOG.NET 2016 to be held on the 1st and 2nd of March at the Bonn-Rhein-Sieg University (St. Augustin, Germany).

We will keep you informed about all news concerning eLSA in our next newsletter.  
See you soon!

 Download the brochure (565 ko)