

Life Cycle Management (LCM) Client

Lifecycle & Obsolescence Management Software

+ Efficiency

for your reactive, proactive and strategic obsolescence process

www.lcm-client.com

Powered by  **AMSYS**
Applicable Management Systems

Why Life Cycle Management?

Life cycle management **helps companies to analyse risks and evaluate opportunities to use the findings as a basis to derive profitable strategies.**

Especially in relation to durable capital goods, technical and organisational measures reduce life cycle costs, for all parties involved in the supply chain - from manufacturer to operator.

OBSOLESCENCE

Management

- **Discontinued! – Now What?**
- **No longer procurable?**
- **Secured spare parts supply?**
- **Who takes care of that?**

Costly supply bottlenecks arise when a component, material, tool, process, assembly, software or standard necessary for the production or repair of a company's own product **is no longer available from the manufacturer.**

This is known as 'obsolescence'. That is why it is becoming increasingly important to practice active management to reduce or completely avoid **unplanned costs.**

RISK

Management

- **Availability status predicted?**
- **Solutions planned proactively?**
- **Lifetime extension possible?**
- **What are the risks?**

If **risks such as non-availability** of spare parts, production materials or failure probabilities of a product are not known, **unplanned costs** are incurred for their remedy as well as production downtimes.

Risk management facilitates **proactive identification of threats, evaluation of their effects** and the **development of risk mitigation or prevention strategies to control** life cycle costs.

Free tool for your change and obsolescence management



www.pcngenerator.com

In accordance with the VDMA Standard Sheet 24903, the COG smartPCN Standard and the JEDEC J-STD-046, J-STD-048 standards, you can use the PCNGenerator to generate standardised change (PCN) and discontinuation notices (PCN) in a PDF and digital format and send these out via email.

The tool allows you to verify your digital data and process it if necessary.

If you use the client, you will get a personalized PCNGenerator, to digitally include your manufacturers and suppliers in the process.

www.lcm-client.com

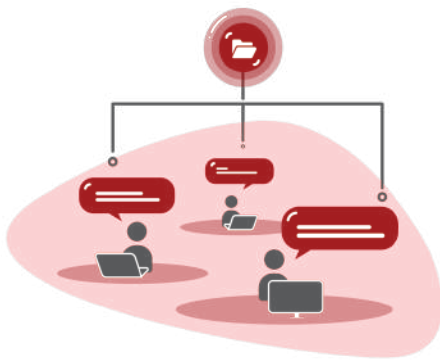
Life Cycle Management Client

Modules



Our modular, web-based Life Cycle Management (LCM) Client is the optimal solution for the automated, digitised and transparent design of your reactive, proactive or even strategic process.

The LCM Client comprises 2 modules which you can either operate as a combined solution or as a separate application – fully customised in accordance with your requirements.



OM OBSOLESCENCE Management

Our module for Obsolence Management (OM)

individually maps your process pursuant to the IEC 62402. Automate the management of your obsolescence cases. Determine the effects of discontinuations on your products and facilitate full traceability of the actions taken.

Achieve enormous resource savings through interfaces with external data bases and internal systems with full integration of the smartPCN & VDMA 24903 standards for your communication with suppliers and customers.



RM RISK Management

Our module for Risk Management (RM) enables you to present overall risks based on international standards through live aggregation of likelihoods of occurrence at component level which have an impact on your products.

Solution options are linked automatically. Manage proactively against economic and technical risks with risk mitigation or risk prevention strategies. This module can also be connected to data bases and customised for you.

In accordance with existing obsolescence standards:



IEC 62402: 2019



SD-22



smartPCN



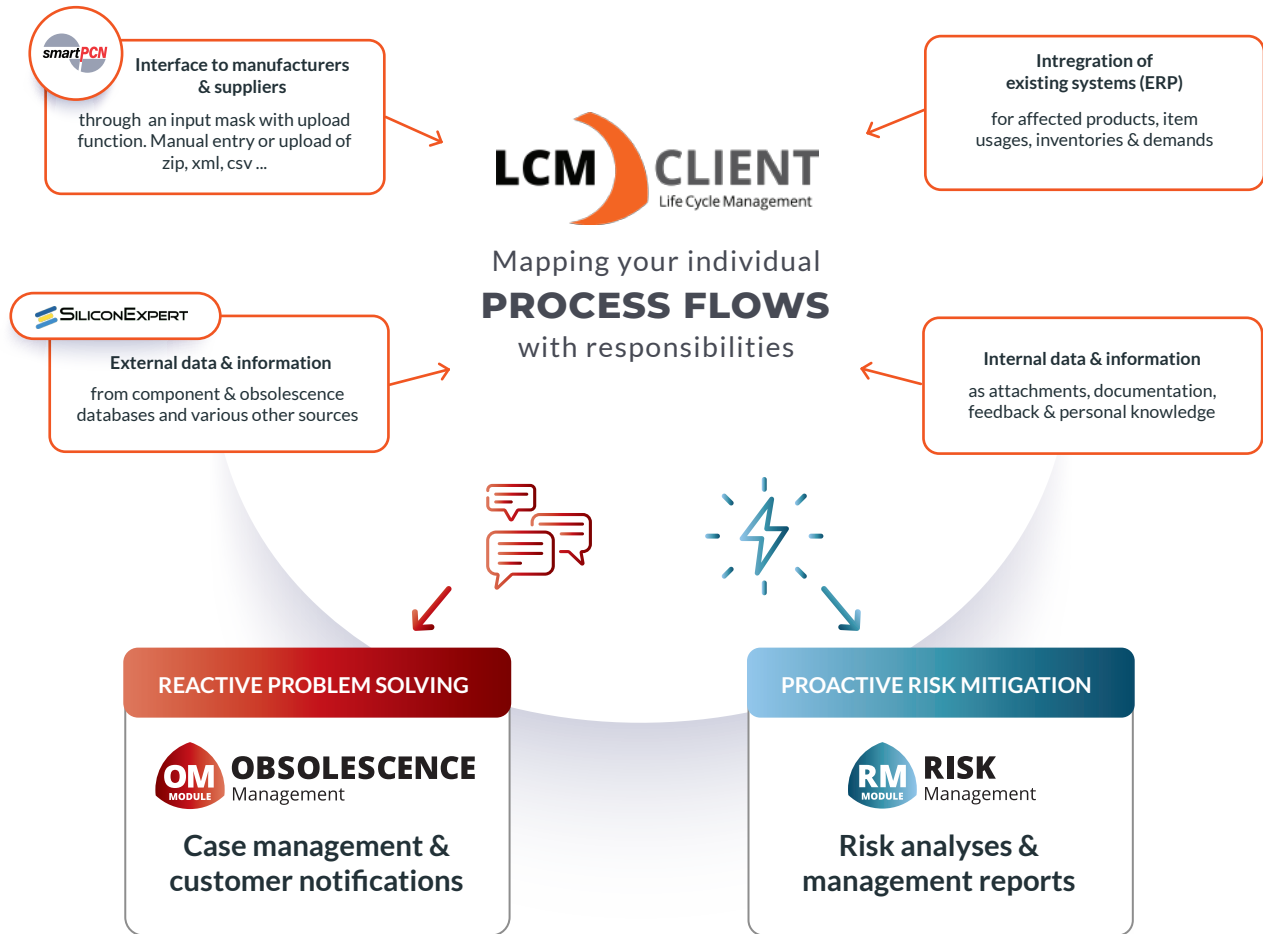
VDMA 24903: 2017

Finally avoiding unnecessary costs effectively.

Features			
Automated management process conforming to standards	✓	✓ e.g. IEC 62402	✓ e.g. ISO 31000
Customised process flow and input fields acc. to your requirements*	✓	✓	✓
Creation, management & monitoring of cases (case management)	✓	✓	✗
Integrated upload function to add file attachments	✓	✓	✗
Allocation of responsibilities (task & workflow management)	✓	✓	✗
Clear product breakdown structure to the smallest exchangeable item	✗	✗	✓
Automatic risk assessment of all items of your products	✗	✗	✓
(Alarm) Notification if a certain obsolescence status occurs	✓	✓ reactive	✓ proactive
Mapping of hardware (not limited to electronics) & software	✓	✓	✓
Import & export functions (e.g. for .xls, .xml, .csv, .txt, .zip)*	✓	✓	✓
Automatic output of standardised notifications & reports	✓	✓	✓
Various cockpits, dashboards & graphics	✓	✓	✓
Interfaces to other information systems (data bases, ERP, etc.)*	✓	✓	✓
External input mask with upload function (e.g. for suppliers & manufacturers)	✓	✓ e.g. VDMA 24903	✗
Manual addition or reprocessing of data sets	✓	✓	✓
Sophisticated high-performance search functions (keywords & filters)	✓	✓	✓
User management & administration (read & write privileges)	✓	✓	✓
History function with (re-)traceability	✓	✓	✓
Modern and scalable technology (web-based & mobile-enabled)	✓	✓	✓
Hosting on the company's own or a dedicated AMSYS (SaaS) Server	✓	✓	✓
System maintenance, regular updates, support & backups		included	included

* Depending on the level of customisation, an additional one-off fee may apply

Life Cycle Management (LCM) Client Integration



Lifecycle, Classification

Crosses, Stock & Pricing Data

Compliance, Technical Parameters

AMSYS Life Cycle Management (LCM) Client uses the SiliconExpert API to retrieve items data in combination with customer's internal data to allow customizable risk analysis compliant to standard IEC 62402 in its Risk Management (RM) Module.

The Obsolescence Management (OM) Module individually maps customer's processes to also automate obsolescence case management.

Customers use the tool to determine the effects of discontinuations on products, manage cost and facilitate full traceability of the actions taken.

What users say about us:

We have always practiced obsolescence management, only these activities never used to be called that, nor were they managed and analysed centrally. It was not always possible to utilise synergies in a profitable manner. Now with the AMSYS LCM Client, this works brilliantly.

- EUROPEAN RAILWAY OPERATOR -

With all the information we need - from life cycle forecasts and environmental information, over alerts and changes, up to possible replacements - the well structured AMSYS LCM Client gives us the perfect framework including its individual customization for us, to proper plan redesigns and take the right decisions in an easy to use environment.

- GLOBAL MANUFACTURER OF INDUSTRIAL APPLICATIONS -

With the AMSYS LCM Client, we are finally able to conduct and even automate our full scale life cycle risk assessment of our multiple level BOMs within a secure environment. The hassle of decentralized Excel spreadsheets is a thing of the past. Good decisions to guarantee supportability based on high quality information is our future.

- MILITARY INDUSTRY MANUFACTURER -



Talk to us



AMSYS GmbH
Roentgenstrasse 5
82152 Planegg - Munich | Germany

info@am-sys.com

www.am-sys.com

+49 (0) 89 9974080 00