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Lascom, as a pure CPG-player for **more than 15 years**, has a deep understanding of the day-to-day challenges of the cosmetics & personal care business. Inspired by our passion for innovation and after years of effort, we have built a solution that suits modern end-users and is aligned with organizational, structural, economic and prospective requirements of our clients. We have continually captured the best industry practices and consolidated our cosmetics & personal care expertise. The fruit of this investment is a rich PLM software for today, designed for the future.

We successfully redesigned our software user experience, reengineered our core modules and entirely packaged our product and services in a full cloud & off-the-shelf solution. We can proudly claim to be one of the first Product Lifecycle Management (PLM) suppliers offering an **out-of-the-box**, **scalable**, **project-efficient** and **cloud-based PLM solution** for the cosmetics & personal care industry.

Our commitment is to provide your teams:

- A solution enabling a **shorter time-to-market**
- A solution ensuring **product compliance** by design
- An **IT expertise** enlightening the most appropriate decisions
- A **business expertise** to understand company-specific challenges in order to ensure a **smooth integration** and **easy adoption** of the solution.

Charles Henriot

–

C.E.O.
At Lascom

Table of contents

CORE

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The foreground of your IT landscape

One of the many challenges faced during product development is that information and documents come from numerous and scattered sources and in various formats. If not managed properly, valuable product information can be lost.

Lascom's "CORE" module has been designed to secure manufacturers' product related data and provide accurate and timely information to all NPD stakeholders.

1 – Core Module

Specification data & document management

⊦ Centralize and organize all data & documents of products, packaging, formulas, ingredients and more into a unique repository.

⊦ Data is preserved from redundant and non-consistent entries. Every item and document created in the solution is defined and traced by its unique ID, label, status, version, type, and history.

⊦ The powerful search engine allows multi-criteria requests, full text search and category browsing to ease and speed up access to information for all teams.

⊦ Create and manage product and raw materials specification sheets by using pre-defined templates and automatically generate them in Word or .pdf formats.

Change management

⊦ Impact analysis of any mass replacement within your knowledge base.

⊦ "Where used" requests and specification-based requests.

⊦ The validity end date allows to identify obsolete specification sheets and documents to trigger a renewal workflow and ensure contents stay up to date.

☑ Reduce error rate by improving data quality
☑ Cut down search time
☑ Harmonize data throughout the company
☑ Understand your data and activities
☑ Ensure a single version of the truth

Lascom

> We needed to manage a very large volume of product-related information and follow-up with several development processes and this is exactly what Lascom had offered through the PLM solution.

BVLGARI

BUSINESS

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Instill vision into product development

Months pass, projects start and do not always end, managers come and go, market trends and strategic priorities change. In this context, it can be hard to stay up to date and share a clear vision of what has been done, what is being done and what should be done. Through project portfolio management features, business intelligence tools and a workflow engine, Lascom's "BUSINESS" module allows you to precisely monitor all your NPD projects.

2 – Business Module

Product & project portfolio management

⊢ Centralize, structure and organize all information and documents related to NPD projects: briefs, prototypes, packaging, labels, etc.

⊢ Use templates to define resource allocations, expected deliverables and workflow triggers in order to set up projects more smoothly and quickly.

⊢ Create customizable dashboards based on the KPIs defined by your teams to help guide your strategic decision making.

NPD Workflow engine

⊢ Through customized workflows, create a collaborative and dynamic framework with task assignments, notifications, automated reminders and milestone alerts.

⊢ View your project schedule and set dependencies in real time using Gantt charts

⊢ Keep tabs on your project in real time

Business intelligence assets

⊢ Embedded BI tools provide valuable insights on your upcoming and ongoing projects to help you make the best business-driven decisions: potential, feasibility, strategic alignment, available resources, risks, etc.

⊢ Leverage your PLM data to audit NPD processes, assess teamwork efficiency, analyze quality events, evaluate suppliers, etc. using integrated dashboards and reports.

⊢ Once the project is completed, analyze your data and explore possibilities for improvement.

☑ Reduce project lead-times
☑ Sharper and faster decision making
☑ Real-time and accurate project monitoring
☑ Eliminate miscommunications, needless revisions and delays

Lascom

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With the strategy and innovation brought by the Lascom team, we will continue to solidify our legacy while showing the world what Canadian beauty experts have known for a century: that Groupe Marcelle delivers the world's top cosmetic and beauty products.

Simon Roy,
at **Groupe Marcelle**

PRODUCT DEVELOPMENT
-
Focus on efficient innovation

Research & Development (R&D) teams relentlessly innovate to satisfy changing consumer needs while facing complex and challenging regulations. Under such pressure, they cannot afford to waste time due to non value-added tasks, avoidable miscommunications or inaccurate information. In the end, this can lead to errors on product packaging, product recalls, fines and deteriorate a brand's image. Lascom's "PRODUCT DEVELOPMENT" module fosters manufacturing-ready and compliant-by-design finished products.

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3 – Product Development Module

Formulation

⊢ Optimized and ergonomic formulation tool (search / addition / replacement of components, quantity adjustment, unit selection).

⊢ Create new recipes from scratch, use a template or start with a pre-existing recipe to capitalize on previous innovation projects.

⊢ Management of different level of formulas (bulk or mix).

⊢ Quantum satis: automatic adjustment of ingredients quantity Automatically calculate in real-time the finished product's cost, INCI ingredient list, and allergen list and trace considering the notions of rinse-off and leave-on products.

Manufacturing process & batch sheets

⊢ Takes into account information related to the manufacturing process when creating the product.

⊢ Generate the manufacturing process summary document (batch sheet) automatically to share with production.

⊢ Information and documents (guidelines, description, etc.), related to each machine are structured and stored within the platform using pre-defined templates.

Prototype management and approval process

⊢ Simultaneously develop multiple prototypes for each brief. Prototypes have their own lifecycle and can be versioned so you can test several ideas and develop recipe ranges easily.

⊢ Standard comparison of recipe prototypes includes composition, ingredients list, allergen lists, specifications, claims and costs so you can select the one closest to the original brief.

⊢ A workflow coordinates quality review and approval, guiding users through the steps of your own internal processes.

☑ Eliminate non value-added tasks
☑ Ease handover to quality team
☑ Ensure manufacturing-ready products
☑ Ensure data continuity from start to finish
☑ Increase customer loyalty

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> We're not unique enough so we did not have requirements that their already robust solution would not meet. We think it's the best tool out there for what we want to do. Also, we want them to help us build the best design chain. We know the customers they have worked with and we trust them to implement the solution the right way.

Danny HSU,
Group Product Manager
at **IPSY**

PACKAGING DEVELOPMENT

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Wrap your new product in time!

Labels, casings, marketing claims, regulatory information and artwork ; the packaging must be tailored to each product, remain consistent through the range and carry a brand's values. The packaging is nearly as important as the product itself and deserves attention. Lascom Lime includes dedicated features to manage packaging developments as unique projects and to guarantee that all elements are ready and compliant in tune with their associated finished products.

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4 – Packaging Development Module

Packaging information management

⊦ Capture all packaging specifications and requirements - material dimensions, physical properties, pantone colors, varnish, emboss / deboss, etc. – and their associated documents.

⊦ Enjoy a timesaving artwork proofing tool allowing users to easily and quickly review, compare, comment and approve artworks. Its dedicated features include: unlimited zoom, color channels selection, color measurement, layer selection, mark-up, etc.

⊦ Comments are recorded during the whole development process and tracked through versioning.

Graphic chain management

⊦ Work as an integrated team uniting brand owners, agencies, content reviewers and printers.

⊦ The workflow engine organizes collaboration during the development of the graphic content and the solution generates an artwork review report for external hand-over with design agencies.

⊦ Automatically compare two versions of the same artwork using colorimetric identification of any difference (one-pixel accuracy) to quickly approve any change.

☑ Avoid loss of information among services
☑ Simplified artwork review and approval
☑ Pace graphic chain progress

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PROCUREMENT

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Turn your suppliers into a collaborative asset

RFPs, RFQs, supplier and specification management are time-consuming and error-prone due to the large amount of manipulated data and frequent back and forth dialogue. Our "PROCUREMENT" module offers centralized management of all supplier-related elements and gives your suppliers a direct, secured and monitored access to your system so they can upload and update their information and documents on their own.

Lascom

5 – Procurement Module

Supplier information portal

⊢ Centralize, organize, track and keep up-to-date supplier information: contact info, list of sites, ratings, audit results, regulatory documents, etc.

⊢ Analytic dashboards give your procurement team insights on your supplier base to challenge their reactivity, evaluate supplier dependence and identify the most and least strategic assets.

⊢ Certificate renewal requests are automatically sent to your suppliers on anniversary dates.

Specification portal

⊢ Suppliers can autonomously access your database through a secured web-based supplier portal, create and upload their raw material or packaging specifications and upload any related documents.

⊢ Rules and controls can be activated to ensure that mandatory data is provided in a proper format, documents are attached accordingly, and tasks are completed on time.

RFP / RFQ portal

⊢ Suppliers have a real "right of reply" to briefs submitted to them.

⊢ RFP and RFQ elements are gathered and structured through the portal then orchestrated via interactive workflows so you can focus on reviewing and assessing the propositions instead of juggling with countless files and e-mails.

⊢ Customizable dashboards and scorecarding reports facilitate the analysis of proposals and the choice of a supplier.

☑ Improve data reliability
☑ Increase suppliers' accountability
☑ Free your teams from non value-added tasks
☑ Shorten approval cycles and procurement processes

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Lascom

COMPLIANCE

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Discover the serenity of "compliant by design" products

A product displaying inaccurate information or unable to fulfill promises can lead to financial penalties, recalls, health alerts, social media backlashes, legal actions, etc. Compliance management and approval requires time-consuming and error-prone tasks (e.g. retrieving product specifications, generating specifically formatted documents). Lascom Lime drives compliance with regulations and marketing requirements by design from its very first stage.

6 – Compliance Module

Regulatory affairs and conformity management

⊢ Easily access, retrieve and use any raw material, semi-finished product, finished product or packaging specification thanks to the end-to-end traceability ensured by the specification engine.

⊢ Calculate quali/quanti from the formula (raw materials, concentration, …).

⊢ Generate PIF in one click based on documents (substances & packaging used, supplier, batch, etc.)

⊢ Coordinate the review of all labeling information with the workflow engine to ensure on-time approval.

⊢ Manage cosmetovigilance and define your corrective actions.

Ingredient & claim screening

⊢ Evaluates the threshold for controlled substances according to country, type of product (rinse-off or leave-on), product family (make-up, cream, …) and area of application.

⊢ Customized real-time indicators and alerts help R&D departments continuously assess the conformity of the product currently in development.

⊢ Alert when nanoparticles are present

☑ Cut down specification review time
☑ Automate burdensome and error-prone tasks
☑ Meet country-specific regulations
☑ Consolidate your quality standards

Lascom

QUALITY

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Embrace PLM as a holistic approach

Non-conformities can have unfortunate consequences. Chances are high that causes originate during the product development process: inaccurate product specifications, missing regulatory documents, non-respected deadlines, etc. Non-conformities and customer complaints are parts of a product's lifecycle. Lascom Lime provides insightful and interactive analysis, non-conformity and compliance management features to mitigate any NPD-related quality risk.

Lascom

7 – Quality Module

Non-conformity and compliance management

- Report any incident regarding a product and gather non-conformity information: photos, documents, user comments, etc.

- Centralize external (customers complaints) and internal (tests, certifications, etc.) quality related elements.

- Use pre-defined templates (description, type of product) and follow pre-modeled workflows to react as fast as possible to quality incidents.

- Monitor the status and progress of any non-conformity through intuitive reporting tools.

Analysis management

- Run "where used" analysis and identify all products and recipes using a raw material or packaging item.

- Define your control criteria and planning, execute control plans or aging tests.

- Upload and compare results and automatically trigger a non-conformity.

- Display customizable dashboards that provide you with an overview and understanding of quality issues.

Panel management

- Centralize all panels conducted on products and related information: panel characteristics, tested products, tasting dates, test results, etc.

- Consolidate your panel processes through the workflow engine to respect responsibilities, delays and approval conditions from sample management to panel qualification.

☑ Launch approved products on time
☑ Maintain high quality standards
☑ React quickly and methodically to incidents
☑ Increase customer and consumer satisfaction

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Lascom's offers

Category	Feature	Essential	Corporate	Premium
Core	Specification Data Management	✓	✓	✓
	Electronic Document Management	✓	✓	✓
	LiveCycle management & validation tool	✓	✓	✓
	Change Management & Impact assessments	✓	✓	✓
	Product specification sheet generation	✓	✓	✓
Business	New Product Development & Project Management	✗	✓	⏻
	Product portfolio management	✗	✓	⏻
	Program development management	✗	✗	⏻
Product development	Formulation & Prototype management	✓	✓	⏻
	Manufacturing process & batch sheets	✓	✓	⏻
	Product approval workflow	✗	✓	⏻
Pack development	Artwork proofing & approval tool	✗	✗	⏻
	Packaging approval workflow	✗	✓	⏻
Procurement	Supplier information portal	✗	⏻	⏻
	Raw Material & Packaging specification portal	✗	⏻	⏻
	Raw material & Packaging Rfx	✗	✗	⏻
Compliance	INCI Ingredient statement generation	✓	✓	⏻
	Substance & regulatory screening	✓	✓	⏻
	PIF management	✓	✓	⏻
	PIF generation	✗	✓	⏻
Quality	Quality document renewal	✓	✓	⏻
	Cosmetovigilance	✗	⏻	⏻
	Non-conformity & complaints management	✗	⏻	⏻
	Analysis, audit planner	✗	✗	⏻
Advanced features	XML file exchange (ERP, MDM interface)	⏻	⏻	⏻
	Web services	✗	✗	⏻
	Data model modification	✗	✗	⏻
	Custom developments	✗	✗	⏻

Lascom implementation services

From the very first time you reach out to Lascom, our staff are eager to understand your challenges, needs and pain points in order to make meaningful recommendations. Leveraging industry knowledge is a core tenet of our service proposal. We apply these functional and technical insights as we strive to solve your problems in the most adaptive way.

By choosing Lascom, you benefit from full implementation & project management support. Based on a field-tested hybrid "Waterfall + Agile" method, we can smoothly and swiftly carry out the implementation of the solution while ensuring the satisfaction of final users.

A dedicated Project Manager, from the project kick-off to the "Go live" of the solution, will provide the best possible experience in respect of your planning and budget considerations.

We put great importance on collaboration with our clients in order to guarantee project success.

Key services for a successful implementation aligned with your expectations:
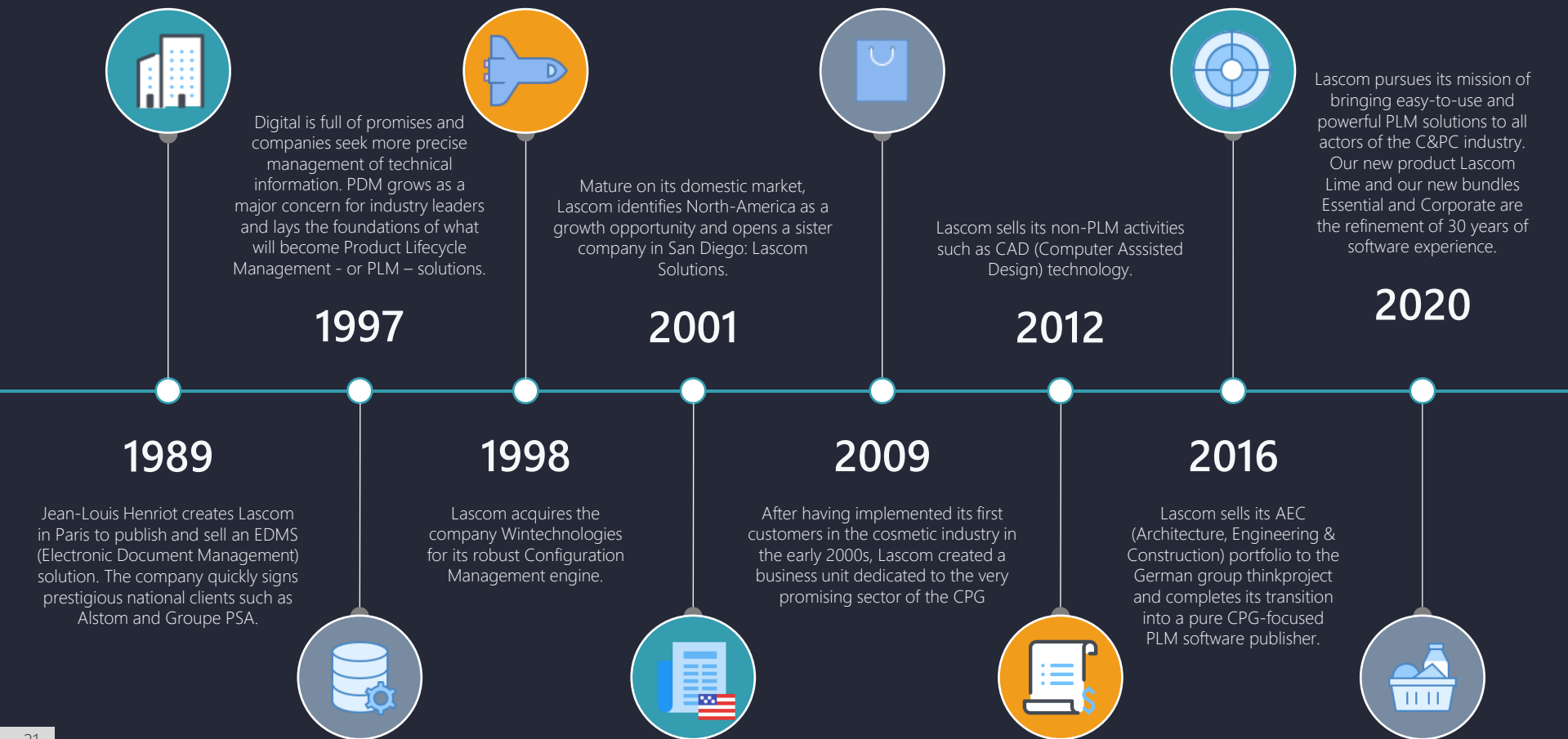
☑ Gap analysis through on-site workshops involving your Subject Matter Experts

☑ Specification document & gaps report drafting

☑ Configuration aligned with your needs (formulation rules configuration, rights administration, creation of workflows, dashboards, document templates, etc.)

☑ Training of your administrators and key-users to use the solution

☑ User Acceptance Testing support

☑ Project management through weekly meetings & a steering committee

Lascom

Lascom implementation services

Hosting

- Lascom has been a long-time partner of Microsoft and we securely host our clients' databases on Microsoft Azure, one of the most widely used and trusted environments. Our cloud-based solution is compliant with the HTTPS standard, SQL servers, IIS servers and COM components security settings.

- We built a multi-level security infrastructure to properly allow and forbid access to data and functionalities. This is strengthened by our internal user management rules, the use of password-protected access and the connection through an internal active directory.

- While it may sound trivial, our solution runs on the latest version of internet browsers, guaranteeing tighter security with every new version.

Ecosystem

- We have been publishing and implementing Product Lifecycle Management software solutions for the food and beverage industry for more than 10 years now. Throughout the course of these projects, we have woven a dense web of senior consultants ready to hop on any project when needed.

- Because business and collaboration are global, we have partnered with strategic PLM-specialized integrators and resellers in order to make our solution available wherever you are in the world. Most of them also take on ERP projects as the concurrent use of both these solutions has become the standard. Reach out to us for more details about our different partners and partnership programs.

Lascom timeline

Digital is full of promises and companies seek more precise management of technical information. PDM grows as a major concern for industry leaders and lays the foundations of what will become Product Lifecycle Management - or PLM – solutions.

1997

Mature on its domestic market, Lascom identifies North-America as a growth opportunity and opens a sister company in San Diego: Lascom Solutions.

2001

Lascom sells its non-PLM activities such as CAD (Computer Asssisted Design) technology.

2012

Lascom pursues its mission of bringing easy-to-use and powerful PLM solutions to all actors of the C&PC industry. Our new product Lascom Lime and our new bundles Essential and Corporate are the refinement of 30 years of software experience.

2020

1989

Jean-Louis Henriot creates Lascom in Paris to publish and sell an EDMS (Electronic Document Management) solution. The company quickly signs prestigious national clients such as Alstom and Groupe PSA.

1998

Lascom acquires the company Wintechnologies for its robust Configuration Management engine.

2009

After having implemented its first customers in the cosmetic industry in the early 2000s, Lascom created a business unit dedicated to the very promising sector of the CPG

2016

Lascom sells its AEC (Architecture, Engineering & Construction) portfolio to the German group thinkproject and completes its transition into a pure CPG-focused PLM software publisher.

Lascom & Partners

CONTACT-US

Lascom France
Energy Park 3 – Immeuble l'Etendard
36 avenue de l'Europe 78 140 Velizy FRANCE
+33 1 69 35 12 20

Lascom Solutions USA
Seville Plaza 5473 Kearny Villa Road, Suite 255
92 123 San Diego (CA) USA
+1 858 452 1300

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