MODARIS®

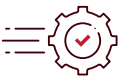## Smart, speedy and efficient patternmaking for fashion experts

LECTRA®

The demand for excellence

It's such an exciting time to be in the fashion world. Thanks to digital technology, the culture of fashion is changing.

Consumers nowadays don't only want **more** — they also want **better**. They want better **styles, material quality, fit** and more **customized shopping experiences**. They are eco-conscious consumers; they want to buy from companies that are environmentally sustainable and exercise fair trade. Yet they are also **price-conscious**; given the vast array of products they can choose from.

GREATER AGILITY AND SPEED

Seasonal collections are no longer enough. The inclusion of limited edition and capsule series complicates the production process. The segmented collection development process requires speed and agility wherein companies can respond to in-store data by switching from one production mode to another quickly.

HIGHER STANDARDS OF QUALITY AND FIT

With the popularity of customization, consumers have higher expectations for fit and material quality. Through online shopping, they are now providing feedback and data — and expecting better products in return.

TIGHTER PROFIT MARGINS

Companies are now pressured to offer more product variety while keeping an eye on cost and sustainability. This additional pressure on their profit margins requires them to constantly improve their efficiency as well as digitize and automate their processes to stay ahead of their competitors.

The need to deliver more while compromising less

Fashion companies must now develop collections at record pace to meet new consumer expectations. But they have to do so without sacrificing fit and profitability. It's a fine balance. To stand out from the competition and continue exciting their consumers, they should offer more unique styles and variety. **They must meet demand by developing smaller and more frequent collections** to avoid costly stocks and discounts, reduce lead times and environmental impact.

"Modaris Expert allows us to perform better under increasingly tighter deadlines, so that we can keep up with fashion trends."

NICOLETTA STONA
Patternmaking Manager, GGZ

EFFICIENT

What is **MODARIS Expert**?

Modaris Expert is the **most advanced version of Lectra's patternmaking technology**. It helps you accelerate your product development process by allowing patternmakers to organize, store, retrieve and leverage essential digital assets of the garment development process with ease.

Automating low value tasks, it enables you to spend more time designing new and interesting patterns, instead of performing lengthy pattern adjustment and quality control. With Modaris Expert, you can achieve a higher level of efficiency than you already have through Modaris Classic.

Synchronization between pattern pieces minimizes manual pattern adjustment needs, and smart and advanced adjustment tools help safeguard the original fit before altering the pattern, foolproofing the entire process for all users including newcomers.

With Modaris Expert, focus on what's most important: **creating better patterns to deliver products of the perfect fit and quality with just one click, in record time**.

A key driver of the segmented collection development process

Modaris Expert gives product developers the needed agility to handle all models at the same time.

SEASONAL COLLECTION

Create new, interesting patterns capitalizing on the variety of templates you have created.

FAST TRACK

Develop patterns quickly to fill the missing gaps in collections and seize new trend opportunities.
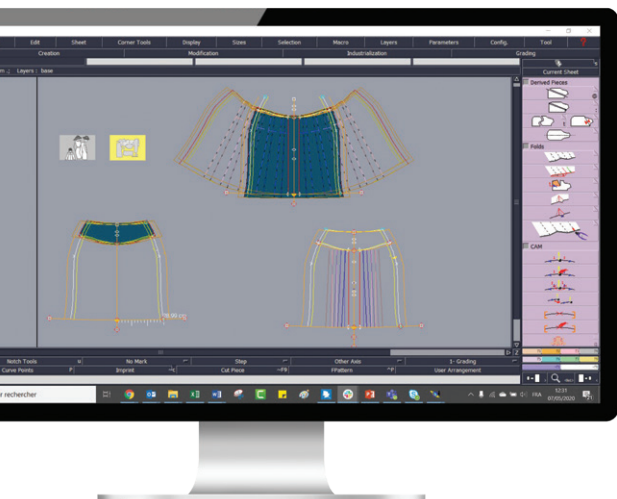
NEVER OUT OF STOCK

Retrieve, duplicate and adjust past patterns to ensure that you never run out of your seasonless basics.

READ AND REACT

Duplicate and adjust patterns of your bestsellers with precision to help your companies respond to positive sales results within days.

This solution accelerates and automates simple tasks, meeting every business need of different market sectors from mass market to luxury, lingerie and technical garments:

- Complex garments with a substantial number of pattern pieces
- Complex and wide size ranges
- Extreme precision requirements
- Specific fabric constraints
- Short design and product development cycles

Services 4.0

Your success is our priority

We provide all the support and guidance our customers need to make the most of their Lectra solutions and equipment. Our training and technical support programs are developed based on our 40 years of experience working with renowned fashion companies around the world.

With advanced services, expertise, data analysis, and comprehensive technical support, **we ensure that our solutions are fully adopted and used in an optimal way to help our customers achieve their objectives**, with the best possible experience.

> *"The quality of their technology and customer care services has always been premium and thanks to them, we've managed to take our first steps towards Industry 4.0."*
>
> **LI SHUANGRUI**
> Vice President, Tongtai Infant Finery Co., Ltd

IN-DEPTH KNOWLEDGE

Digital resources and face-to-face training sessions enable you to set and accomplish your learning goals at every stage of the Modaris implementation and deployment process. Our training methodology is designed to guide you with quick wins and practical steps, which enables you to gain independence quickly.

CONTINUOUS INNOVATION

We give our customers immediate access to the latest functionalities of Modaris and key information to help them get familiar with the latest features quickly. Continuously create value by working with us to establish an optimal mode of operation based on best practices.

Stay ahead of the curve with advanced patternmaking technology

Increased speed to market

- **Create and modify all pattern pieces** of the same garment at once with Modaris Expert technology that creates links between pattern pieces in all sizes.

- **Grade patterns efficiently** using dynamic measurement charts and advanced grading tools for extended, and complex size ranges and systems.

- **Use advanced and specialized tools** to speed up complex patternmaking tasks like folds and darts, corners tools and fuse blocks.

- **Save significant time** spent on positioning and grading logos, repeating motifs and embroidery, or lace positioning.

Efficient collection development process

- **Boost fit review efficiency** with state-of-the-art 3D prototyping tools.

- **Develop high-quality 3D prototypes** by choosing from vast libraries of materials, colors, and configurable and imported mannequins.

- **Create photo-realistic renders** for your 3D prototypes thanks to Modaris' compatibility with third-party 3D solutions.

- **Co-develop products** leveraging digital prototypes and small 360° video files.

Maximum profitability

- **Cut down your number of physical samples** by up to 50% with virtual prototyping.

- **Estimate your fabric consumption** during early production stages with our cloud app Quick Estimate, directly from Modaris.

- **Reduce inventory waste** by enabling merchandisers to share virtual samples.
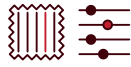
Optimal quality and fit

- **Manage shrinkage and stretching** for all fabric types, including denim and knitted pattern pieces.

- **Control and adjust your fit quickly** thanks to an automated two-way sync between 2D and 3D.

- **Get adequate knowledge** from Lectra Professional services to achieve optimal performance with Modaris Expert.

Key features

CONNECTED, INTELLIGENT PATTERNS

All pattern pieces of the same flat pattern are linked. Once a pattern piece has been altered, the others will be adjusted automatically as well.

SMART PARAMETRIC DESIGN TOOLS

All patterns are linked to a configurable measurement chart. Adjust your patterns via this chart and vice versa. Set the limits of your measurement chart to ensure that you are designing your patterns within the constraints of your fabric.

AUTOMATIC PLEATING TOOLS

Create pleats on the instant and adjust your pleat volume, shape and depth for garments of any size at any time. Get notifications when your pleat file has been opened and changed.

DART ROTATIONS

Adapt base models to create new designs quickly. Open, close and share darts of the same pattern in real time with your team members. Any adjustments made to an original design will be automatically applied to its variants as well.

FAST-TRACK GEOMETRIC RULES

Create patterns using geometric rules: developed points, parallels, rotations, and linked points. Simply change the reference geometry to automatically adjust all shapes and sizes.
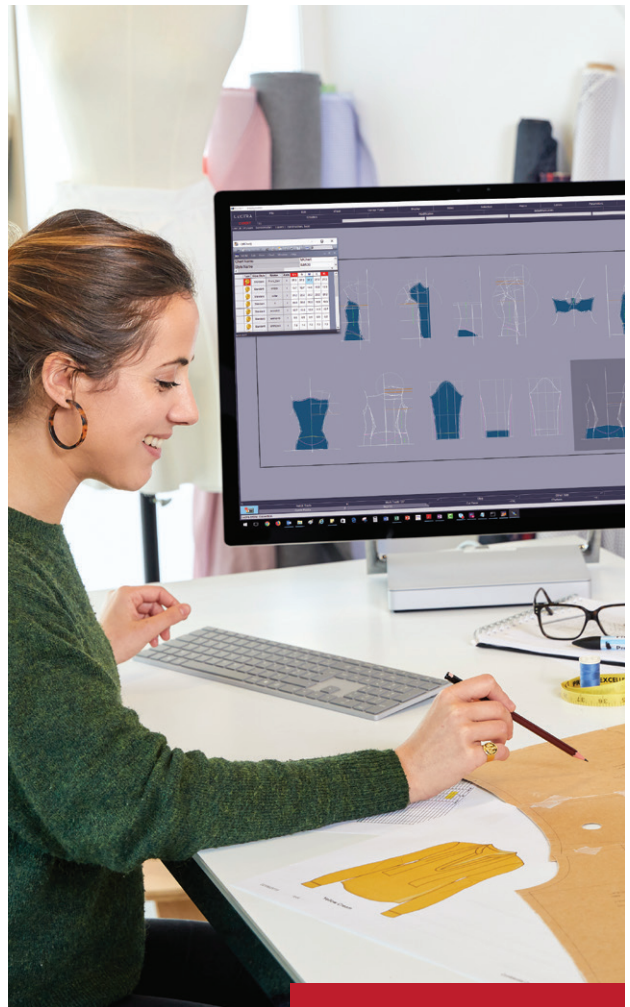
3D PROTOTYPES

We provide material, color and mannequin libraries to help you create 3D prototypes of reliable shape, drap and fit. Share, review and annotate your prototypes in real-time with your team members through Modaris 3D Style. View them in detail via 360° videos.
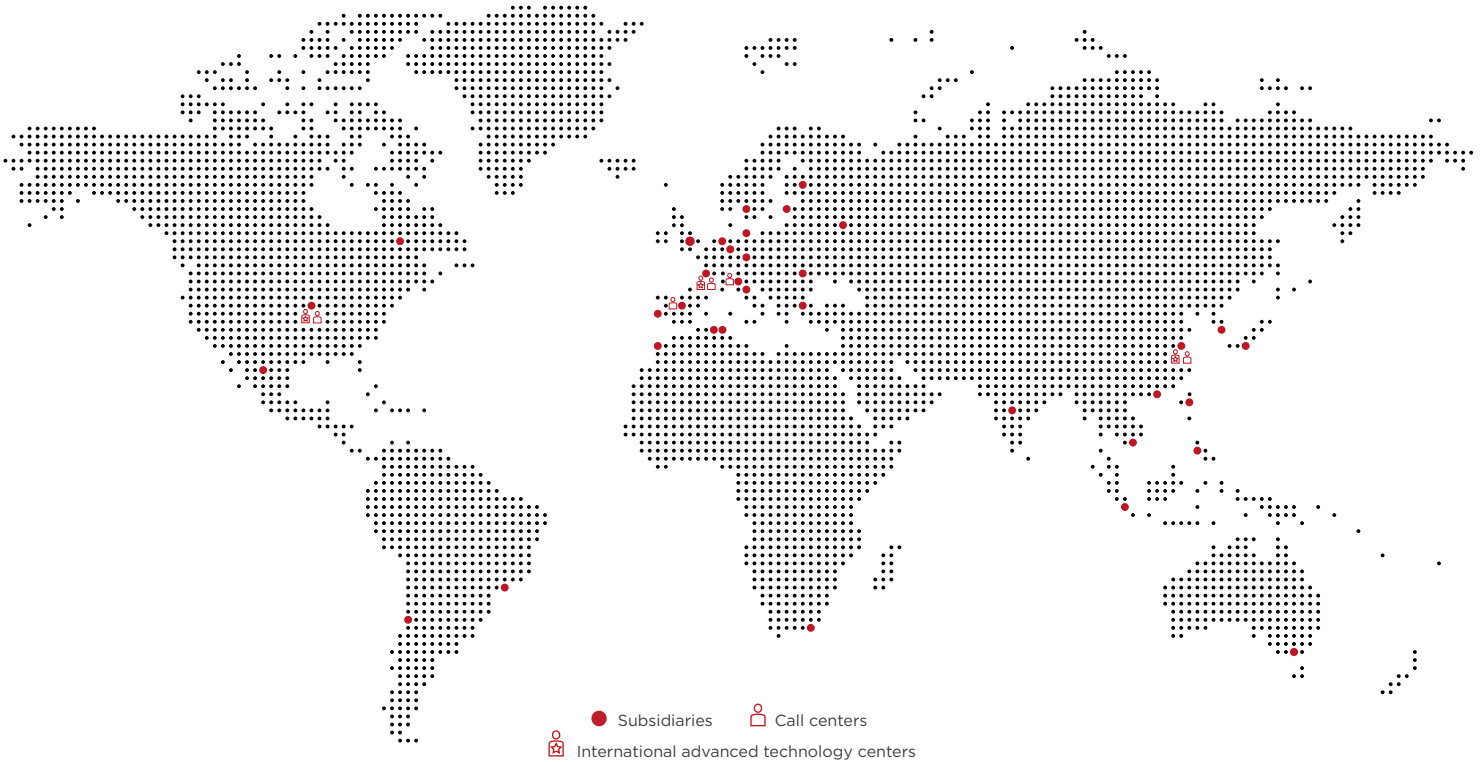
QUICK ESTIMATE

FABRIC CONSUMPTION ESTIMATES VIA A COMPATIBLE CLOUD APP

Our cloud application Quick Estimate is accessible through Modaris Expert. It allows patternmakers to estimate their material costs easily and quickly directly from their patternmaking solution.

LECTRA

Lectra has more than 40 years of experience innovating in the fashion industry. We work together with major fashion and apparel players in over 100 countries. Drawing from our experience and expertise, we are continuously reinventing the value chain so that businesses can become more profitable, sustainable and agile. Personalization is set to be an industry-wide phenomenon. With our dedicated turnkey solution— and in-depth industry knowledge — we are the perfect partner to help you tap into its potential.

Empowering customers through industrial intelligence

● Subsidiaries   Call centers
International advanced technology centers

ABOUT LECTRA

For companies that breathe life into our wardrobes, car interiors, furniture and more, Lectra is crafting the premium technologies that facilitate the digital transformation of their industry. Lectra's offer empowers brands, manufacturers and retailers from design to production, providing them with the market respect and peace of mind they deserve.

For more information, please visit **www.lectra.com**