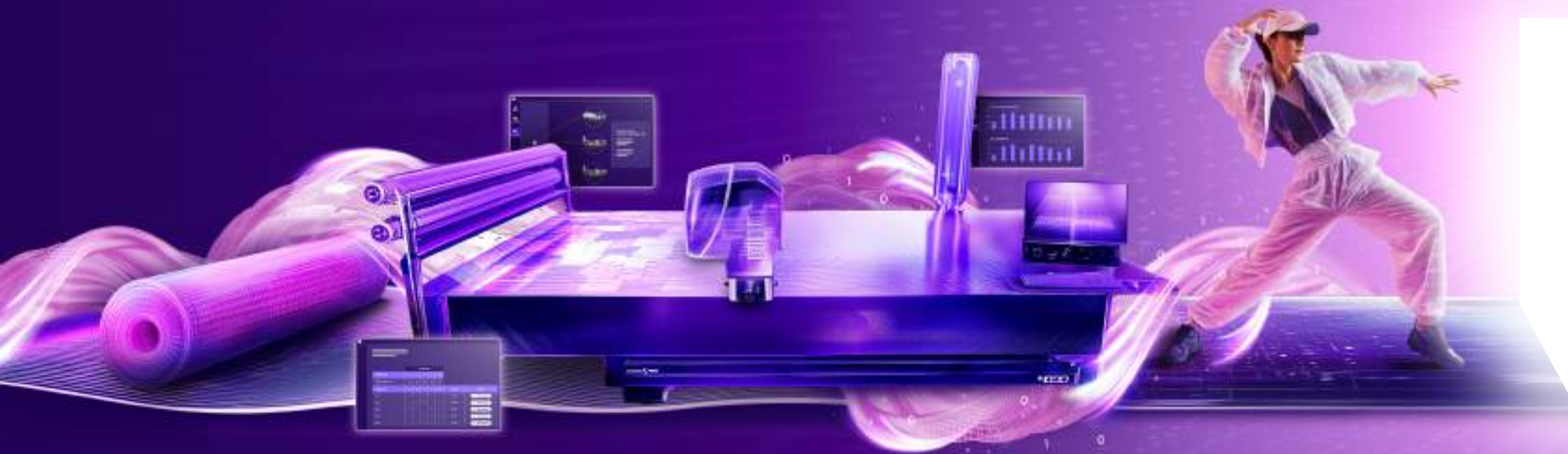


# Switch On

VALIA FASHION



LECTRA

# Fashion at a turning point:

How consumer behavior, sustainability, and technology are reshaping the industry

Fashion companies are navigating an increasingly uncertain landscape shaped by geopolitical instability, economic volatility, and supply chain disruptions. These challenges compound the industry's ongoing struggles **to remain agile, profitable, and sustainable**. In this unpredictable environment, meeting rising consumer expectations, managing costs, and adhering to stricter regulations have become even more difficult.

To stay competitive, companies must be agile and satisfy varying order requirements at short notice while maintaining profit margins. This necessitates a new vision for material management and cutting operations, alongside making **strategic technological investments**.

Leveraging Industry 4.0 technologies, such as artificial intelligence, data analytics, and connectivity, is crucial for optimizing workflows and giving companies the agility they need to thrive in a dynamic market.

## Enhance production versatility to offer a wider range of services

Shifting consumer habits are driving brands to prioritize production of small series alongside traditional collections. Manufacturers need the agility to **easily switch between different types of production workflows**.

## Implement sustainable practices to gain market share and conform to stricter regulations

Sustainability has taken center stage in the fashion industry. Using technologies adapted to improving resource use and conforming to new regulations will help companies **improve both sustainability and profitability**.

## Preserve margins by accumulating savings at each step of the process

More than ever before, industry players have to juggle between reducing cost, shortening lead times, and improving sustainability and quality. Accurately estimating costs at every stage of the apparel production process will enable companies to **preserve margins**.

# Introducing the next big thing in fashion

In response to the fast-changing fashion landscape, Lectra has developed a revolutionary cloud-based solution powered by Industry 4.0 technologies, such as **artificial intelligence, Internet of Things (IoT), and big data analytics**.

Tailored to the needs of fashion customers, this solution draws on Lectra's 50 years of technological innovation and deep insights gained from **collaborating with fashion companies around the world**.

This intelligent digital solution connects, automates, and streamlines every step of garment production—from order processing to fabric cutting—**boosting efficiency and reducing waste**. It allows companies to break down silos, transform production, and accelerate the progress of their sustainability journey.

The name of this  
cloud-based solution  
**Valia Fashion.**





## Valia Fashion: The cloud-based solution that **frees you from complexity**

Valia Fashion is the backbone of a connected, garment-based workflow that simplifies complex processes, optimizes material use, and streamlines the entire apparel production process.

With a seamless, secure data flow between the Valia Fashion cloud-based solution, cutting equipment from any vendor, and your IT system, order processing, spreading, and cutting jobs are automated and optimized with minimal human intervention.

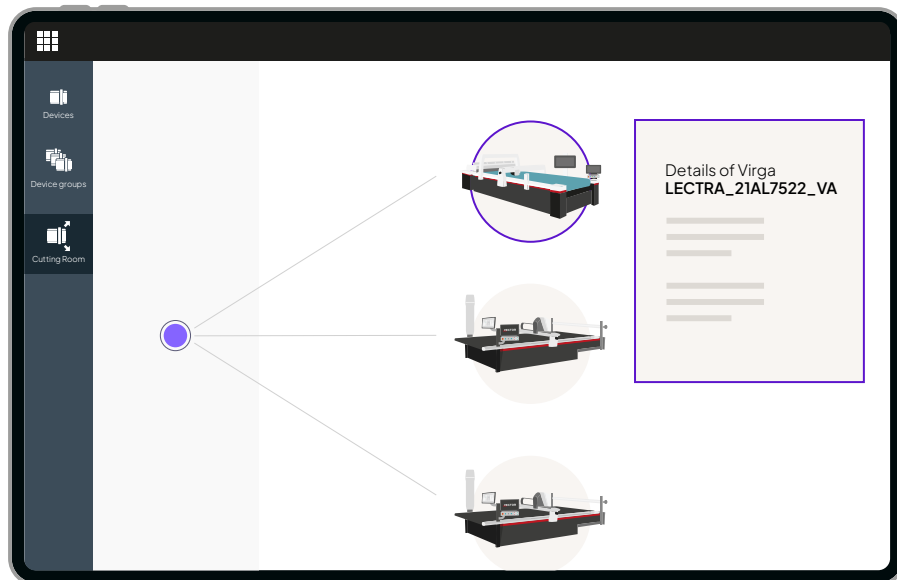
A centralized database of materials, orders, and production resources gives you **complete control and real-time visibility over processes**, enhancing collaboration and enabling quick decision-making on production, deadlines and costs.

Users increase productivity and efficiency, and become much more agile in **handling a variety of products and quantities, all while meeting increasing demands for sustainability.**

# Effortless, transparent and seamlessly connected: Your new production process with Valia Fashion



# Find the Valia Fashion package **tailored to your needs and goals**



## VALIA FASHION MANUFACTURING

**Accomplish optimal efficiency, from order to cut, with a single solution and a seamless workflow.**

Valia Fashion Manufacturing simplifies and streamlines the entire production process: product order processing, production preparation, fabric estimation, production planning and execution. Connectivity between Valia Fashion, cutting equipment and IT systems, enables manufacturers to **easily shift production flows**—from one-offs to mass production, and everything in between—**centralize order execution files** and **benefit from real-time updates on order status** across multiple sites and countries.

## VALIA FASHION ESTIMATE

**Achieve unprecedented accuracy in fabric consumption estimation.**

Valia Fashion Estimate provides **precise, automated evaluation of fabric needs** based on production and fabric specifications.

Fabric buyers can incorporate a multitude of constraints and capitalize on past simulations to generate the most realistic estimations based on production scenarios.

## VALIA FASHION EQUIPMENT

Reach optimal production performance and reduce your ecological footprint using powerful data analytics and integrated dashboards.

Valia Fashion Equipment gives manufacturers an at-a-glance view of **cutting equipment performance and environmental footprint KPIs** for fast, easy analysis.

Using powerful data analytics, companies can drill down into performance, compare cutting room results, identify areas for improvement and make progress on sustainability goals.



# Transform your traditional cutting room into a **Fashion Cutting Room 4.0**

By adding Valia Fashion to your fabric cutting room, you can instantly transform it into a production powerhouse. At the heart of Fashion Cutting Room 4.0, Valia Fashion cloud-based solution drives cutting equipment performance and services. With Valia Fashion, you can optimize your cutting room's performance with minimal effort—simply connect it to your existing equipment, regardless of the vendor, and watch as it powers up your entire operation.

Seamless synergy and communication between these elements, and easy integration with cutting equipment from any vendor, enables a smooth data flow, driving greater speed, productivity and profitability.

FashionCuttingRoom4.0 empowers brands and manufacturers to consistently **achieve production excellence**, positioning them for success in an ever-evolving industry. With Valia Fashion at its core, the solution continuously evolves by integrating the latest advancements in Lectra's cutting technology, ensuring you stay ahead of challenges in today's fast-paced market.



Step into the future of fashion with a **Fashion Cutting Room 4.0**

# Transform your cutting room into a powerhouse of speed and efficiency

While Valia Fashion seamlessly connects to cutting equipment from any vendor, you can take performance to the next level with next-generation equipment from Lectra and Gerber. These cutting-edge solutions unlock the full potential of fashion's most integrated system, delivering optimal results.

## VIRGA

### Single-ply fabric-cutting solution

Smart and connected, Virga is a high-performance, single-ply cutting line designed to **boost CSR performance metrics** by eliminating paper and plastic usage. Its smart automation enables data-sharing and achieves maximum throughput with minimal manual intervention on the fabric.

For companies cutting patterned fabric, the Virga M-Series incorporates a high-definition display system and next-generation algorithms for **speedy, automated motif management and cutting**. A Virga configuration is also available for those cutting plain fabrics.



## VECTOR

### Low to high ply fabric-cutting solution

Our best-selling Vector cutting equipment can be used for all manufacturing models and fabric types (lace, denim, woven, knit or footwear textiles), to help you produce at optimal speed and efficiency. No matter the production volume, Vector helps you **achieve operational excellence and minimal cost per cut part**.

Gerber spreaders enhance fabric savings and production speed. They help manufacturers **optimize material** use by accurately aligning fabric edges and ensuring tension-free spreading, while an automated cradle-feed system eases fabric loading and unloading.

Whatever range you choose, **Valia Fashion adapts to your evolving needs**.



```
using System;
using System.Numerics;

class Vector
{
    static void Main()
    {
        // Create two 3D vectors
        Vector3 vectorA = new Vector3(3.0f, 4.0f, 5.0f);
        Vector3 vectorB = new Vector3(1.0f, 2.0f, 3.0f);

        // Vector addition
        Vector3 resultAdd = Vector3.Add(vectorA, vectorB);
        Console.WriteLine("Addition: {resultAdd}"); // Output: +4, 6, 8+

        // Vector subtraction
        Vector3 resultSub = Vector3.Subtract(vectorA, vectorB);
        Console.WriteLine("Subtraction: {resultSub}"); // Output: +2, 2, 2+

        // Dot product
        float dotProduct = Vector3.Dot(vectorA, vectorB);
        Console.WriteLine("Dot Product: {dotProduct}"); // Output: 26

        // Cross product
        Vector3 resultCross = Vector3.Cross(vectorA, vectorB);
        Console.WriteLine("Cross Product: {resultCross}"); // Output: +7, 4, -2+
    }
}
```

# Define your path to success with **Lectra Customer Success**

Our Customer Success team is an essential ally in reaching your goals quickly, with swift onboarding, seamless implementation, and ongoing support.

Valia Fashion customers partner with a Customer Success Manager, who serves as their supporter and advisor. Customer Success Managers work with you to **understand your unique challenges and objectives, ensuring our solutions perfectly match with your specificities and challenges.**

Together, we will create a success plan, defining your objectives and KPIs. The Customer Success Manager will monitor and analyze your Valia Fashion customer journey through feedback data and regular performance reviews, providing recommendations and guidance on how to achieve your performance goals.

A photograph of two people, a man and a woman, in a modern office environment. The woman, with blonde hair, is pointing at a computer monitor. The man is looking at the screen. The background shows other computer monitors and office furniture.

Together, we will create a  
success plan, defining your  
**objectives and KPIs**

# Ensure optimal performance with genuine Lectra **consumables and maintenance kits**



## BLADES AND SHARPENING BANDS

Achieve superior cutting quality with Lectra's high-grade steel blades, able to resist bending, shocks and vibrations.

Our sharpening bands adhere to strict quality requirements and are designed to lengthen blade lifespan.



## DRILLS

Lectra drills come in a wide range of sizes, lengths and materials, to satisfy the every customer's needs.

The optimal combination of drill blades, cutting needles, and sharpening stones are the key to optimal performance.



## MAINTENANCE KIT

Lectra maintenance kits are an essential part of an effective preventive maintenance strategy, to ensure continuous production and better productivity throughout the equipment's lifetime.

Kit contents are regularly updated to evolve in step with the latest technologies.



## BRISTLE BLOCKS

Lectra's R&D engineers have succeeded in developing long-life, top-quality bristle blocks, critical for optimal cutting performance.



## ROLL GOODS

Essential to the proper functioning of cutting solutions, our range of Underlay and Poly Overlay roll goods Lectra have been designed to adapt to all cutting situations as well as extend the service life of other consumables.

Valia Fashion also enables us to monitor the consumption of these consumables (waste generated) with a view to reducing carbon emissions.

# Introducing Empower Fashion

Produce with confidence knowing that Empower Fashion guarantees your cutting room uptime

Now you can guarantee uptime for your connected equipment with a comprehensive plan. Empower Fashion is Lectra's newest maintenance contract and the latest demonstration of our commitment to customer success. By enabling the **highest uptime on the market** and uncompromised capacity for the complete cutting room, Empower Fashion gives customers the peace of mind to focus on core business and meet deadlines.

Empower Fashion marks an industry first with a **contractual guarantee of uptime** for connected equipment. In the event agreed uptime is not met, customers are entitled to receive contractually guaranteed compensation.

The new offering represents a major leap forward for Industry 4.0-enabled cutting operations and a contributing factor to overall performance.

A man and a woman are standing in a cutting room, looking at a computer monitor. The man is pointing at the screen, and the woman is looking at it with a slight smile. The background is dark with blue lights, suggesting a modern, high-tech environment.

**Get the highest uptime**  
on the market for your  
cutting room equipment.

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 Valia Fashion implementation and deployment process.

Our training methodology was designed to guide you through quick wins and practical application, which helps you gain independence quickly.

CONTINUOUS  
INNOVATION



We give our customers immediate access to the latest functionalities 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.

EQUIPMENT  
AVAILABILITY  
AND QUALITY



Sensors in the latest cutting solutions help us anticipate technical issues and take preemptive measures remotely to minimize machine downtime.

Preventive maintenance and regular audits ensure consistent cutting quality, which helps you reduce waste and cost.

EQUIPMENT  
PERFORMANCE  
ANALYSIS



Benefit from easy access to centralized data through Valia Fashion Equipment, the cloud-based application.

Define and track your production Key Performance Indicators to quickly identify areas for improvement.

Propel your company  
into a new technological era  
with Valia Fashion.

CONTACT US



LECTRA

We pioneer. You lead.

For more information, please visit [lectra.com](http://lectra.com)

