



All4Labels
GLOBAL PACKAGING GROUP

Securing packaging, protecting health

The All4Labels healthcare division protects brands, products, and patients with a wide range of labeling and packaging solutions.

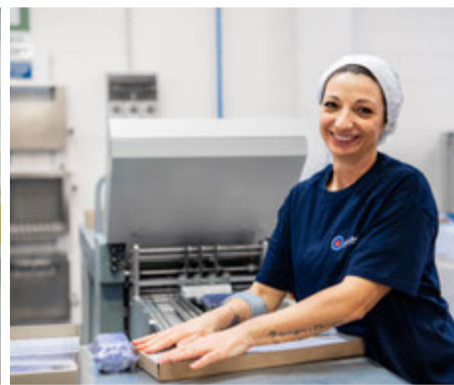


All4Labels
GLOBAL PACKAGING GROUP

We are **Technology** and **Innovation Leaders** in the **Label Market**, with a focus on **labeling solutions designed to reduce environmental impact** across the packaging lifecycle.

We constantly rethink **packaging**, focusing on circularity to help reduce environmental impact across the packaging lifecycle.

We protect **brands, products, and patients** by operating under **stringent procedures** and **control measures** aligned with applicable industry standards.



Healthcare Consumer Habits | Overview.

Demographic overview

60+
population

2.1 billion
by 2050

is expected to exceed up from 700 million in 2006.*

~85 % of chronic disease patients use at least one digital health tool.**

Highlights

- Elderly users drive **high demand**, especially for **premium packaging solutions** like **cold-chain**, **easy-use dispensers**, and **adherence aids**.
- Younger patients (18–64) show **high receptivity** to **digital tools**, such as telehealth, mobile apps, wearables, online symptom checkers, and demand accessible, tech-enabled packaging and services. They expect **interactive packaging** with **digital interfaces**, **easy onboarding**, and **engaging informational experiences**.

Packaging opportunities

- **Emphasis on self-administration tools:** Rising chronic therapies like GLP-1 agonists require home-use devices (e.g., autoinjectors, on-body injectors), increasing demand for patient-friendly and secure packaging.
- **Connected packaging:** RFID/NFC, electronic dose trackers, and AI-enhanced smart blister packs are helping improve adherence, reduce waste, and provide real-time patient and supply-chain data.
- **Age-diverse accessibility:** Packaging designs now accommodate elderly, physically limited, and cognitively diverse populations-simplified instructions, ergonomic usability, and dosing reminders.
- **Sustainable commitment:** Key trends include material innovations like lightweighting, mono-materials development, paper-based options, refill systems and assessed recyclability approaches.

*Source: Wikipedia

**Source: 2025 Pharmaceutical Packaging Trend Report

Healthcare Market Overview.

Highlights

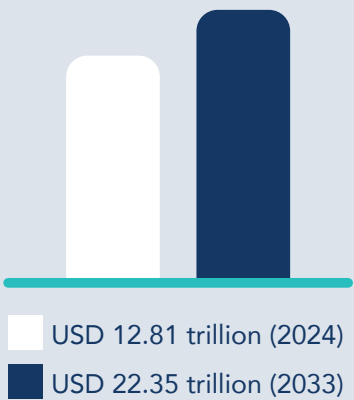
- **The core healthcare market** is expected to grow annually by nearly **7–8%**, driven by aging populations, rising chronic diseases, and expanding services.
- **Developed regions (North America, Europe)** still dominate in R&D and high-value drug pipelines, but regulatory and pricing pressures are shifting some momentum east, while **emerging markets (especially Asia-Pacific)** are increasingly driving global pharmaceutical growth, both in volume and innovation ecosystems.
- **Premium dosage forms:** GLP-1 drugs are projected to generate > US\$100 billion by 2030, fueling investment in autoinjectors and wearable delivery systems*.
- In Europe, the **digital health market** is expected to reach US \$37 B in 2024, growing at ~9 % CAGR to ~US \$57 B by 2029*.

*Source: Global Growth Insight

**Source: 2025 Pharmaceutical Packaging Trend Report

***Source: Precedence Research

Market Size & Growth



22.5 T

Market size forecast by
2033 (USD)*



PHARMACEUTICAL MARKET
SHARE, BY REGION

- North America 42%
- Europe 28%
- APAC, South America, Middle East, Africa 30%

Our productive network.

A **multi-plant network** with **extensive experience** in manufacturing **labelling and packaging solutions** for the **healthcare industry** supporting **high standards of safety and quality** through healthcare-focused manufacturing processes.

Our **dedicated GMP compliant** production sites deliver **high-quality packaging** to healthcare market leaders worldwide.



100% pharma-dedicated
manufacturing facilities



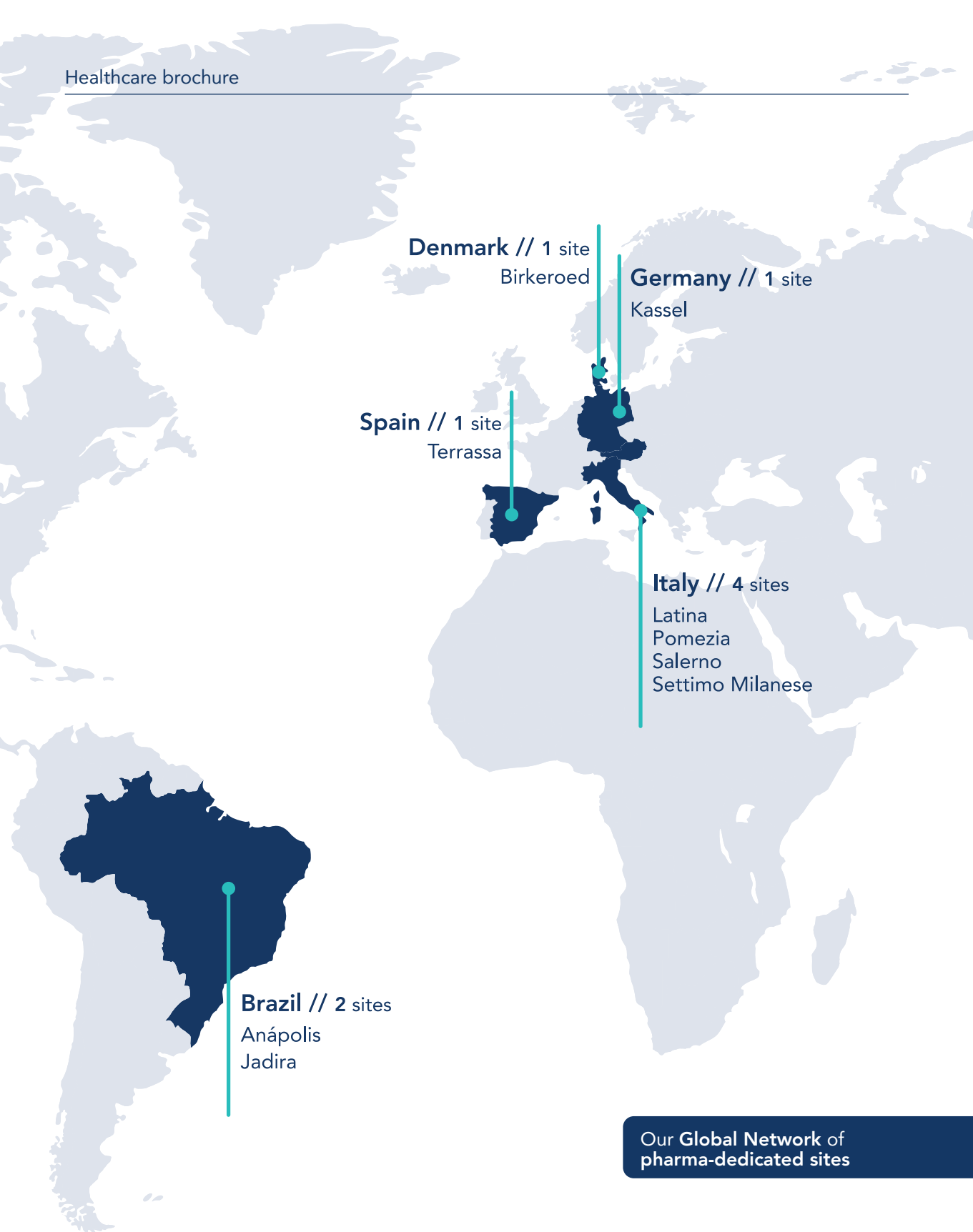
Talented employees worldwide



Years of experience in
the healthcare industry



Machines installed worldwide, offering
wide-ranging printing capacity to ensure
flexibility and short lead times.



Our Global Network of
pharma-dedicated sites



Anti-mix-up procedures,
line clearance, and
control measures



Quality policy supported
by in-line inspection
systems designed to
detect defects and reduce
the risk of mix-ups



Stringent procedures
and control measures



Brand protection and
security printing with
ISO 14298:2021



Kassel, Germany



Production process supported by safety controls and monitoring procedures.

For us, safety is not a choice. It is in our DNA.

We have implemented **stringent procedures**, both in-line and off-line production tests, and a system encompassing every moment of our production operations within a **100% protected production process**.

We continuously improve certifications and systems identifying and minimizing risks, and eliminating potential error sources. We work to minimize defects through quality controls, risk identification and continuous improvement by raising quality and safety awareness among all employees.

Our unique approach to the healthcare industry.

We help our customers developing solutions for their specific needs. Our added value lies in being a consultant for developing customized solutions, from design to complete packaging printing - even for small and medium production runs.

We are committed to continuous improvement by:

- Challenging the status quo of our processes through operational excellence
- Standardizing a safe and efficient environment where we produce products produced under defined quality-management and control procedures
- Developing capabilities to maximize our on-time, in-full (OTIF) delivery rate - with a group-wide OTIF rate of 97%



ISO 15378 for quality management system requirements for primary packaging materials used in the pharmaceutical industry



ISO 9001:2015 Quality Management System



ISO 14001 Environmental management system



ISO 14298:2021 Management of Security Printing Processes



EcoVadis Platinum and Gold medals that recognize our efforts in sustainability performance



A long-term experienced Healthcare Division.

We offer a **broad range of packaging solutions for healthcare applications**, supported by safety and quality procedures.



Pressure-sensitive labels



Shrink sleeves



Autoinjector



Booklet labels



Flexible packaging



Doypack



Flow pack



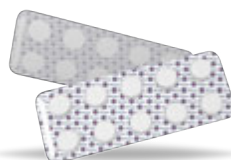
Smart solutions



Folding boxes



Leaflets and booklets



Aluminum for blisters



Tamper evident solutions

Provider of packaging solutions supported by design, printing and specialized application capabilities.

Driven by our passion for technology, we deliver **solutions intended to improve specific packaging attributes such as security, readability or material efficiency in defined applications** in **distinctive design** for special applications.



Received the 'Best Technology Innovator 2022' award from Oscar della Stampa 2022, subject to the award scope.

Fold-it

This format offers larger, easy-to-read leaflets that meet EU regulations and pharmaceutical needs. Made from a single sheet to avoid mix-ups, they can be packed flat or folded, just like standard leaflets.



Autoinjector

Combat counterfeiting with our Innovative autoinjector solutions designed to reduce environmental impact while ensuring product safety, designed to protect both medicines and lives. By combining optical and digital features, we ensure product originality, offer a clear first-opening indication, and enable real-time tracking across the entire value chain. This safeguards product integrity while allowing immediate data analysis for greater security and control.



Sustainable hologram label + QR fingerprint®



Holographic paper labels stand out for their PET-free design to improve recyclability and reduce material impact and their eye-catching, color-shifting effect that enhances shelf appeal. When paired with a QR Fingerprint®, they offer a powerful combination of visual impact and advanced security, making counterfeiting much harder. This blend of sustainability and protection makes them an ideal choice for modern packaging.

Labels.

- Combination printing up to **14 colors in a single run**
- A wide range of digital printing options, including **variable data printing** for **serialized, digitally printed labels for specified applications**
- **Embellishment options:** metallics, lenticular, 3D effects, foils, tactile varnishes, and more

Technology and capabilities

- Flexo, screen, letterpress, offset, combination, hot/cold lamination
- Digital capabilities: **HP, Inkjet**
- **BST Shark Lex 4000** and **AVT** Inspection system
- **Digital DNA** and deep expertise for pressure-sensitive labels
- **Eye-Camera Workflow**
- **Long-ford equipment** to insert booklets/leaflets
- Inkjet for backside numbering and serialization

Specialities

- In-house coating capabilities for **specific applications**
- Adhesive solutions designed to support recyclability
- Multiple **security** features
- Wide capacity with **digital printing machines**

Manufactured in



Kassel, **Germany**



Birkerød, **Denmark**



Terrassa, **Spain**



Pomezia, **Italy**



Jandira, **Brazil**



Special solution



Hang label with a **self-adhesive suspension device**. Suitable for all standard infusion containers.



Tamper-evident labels for tamper-proof protection. Can be combined with a wide range of brand protection features.



Autoinjector labels with **die-cut windows** with **100% intact liners**—available in pergamin or PET—offers **customizable, modular features** tailored to the needs of pharmaceutical clients. They enhance product security by ensuring authenticity through a combination of **optical and digital anti-counterfeiting elements**.



Sleeves.

- **Full-body thermo-retractable** shrink-wrapping
- Single, double or triple **chamber sleeves**
- Unlimited perforation options for **tamper-evident seals**, design features, or recycling purposes
- **Serialization**
- **Embellishment effects** including 3D, haptic varnishes, shiny metallic gravure, and more
- **3D software** available for the prototyping phase

Technology and capabilities

Digital Printing

- Up to **7 colors** with **special COF white**
- **High-quality printing** with finest gradients
- **No MOQ**
- **High flexibility**, fast time to market

Gravure

- Printing with up to **9 colors**
- **Endless options** for embellishments
- **High-speed line** for high volumes

In-House application processing machines

- **Cutting**
- Single-piece cutting
- **Seaming**
- **Inspection Flexo**
- Printing with up to **10 + 1 colors**
- **CI (central impression) technology**
- **Solvent-based flexo**
- **High-opacity solvent whites**
- **Metallic inks** and varnishes

Offset / Flexo

- Printing with up to **9 colors**
- Superior **high printing quality** enabled by offset technology
- **High-opacity whites** through solvent flexo stations
- Ideal for complex product families with many **SKUs**





Think digital, print variable!



Variable data printing powers individualized items with limitless creativity.

- Serialization options with various codes, texts and pictures
- Shaping new, unique, and engaging consumer experiences
- Millions of one-of-a-kind designs

Specialties

- Reverse printing with high opacity white colors, **special materials, and optical brighteners**
- Laminate tube production with **100% inspection systems**
- **Steam tunnel** to simulate a new product application in advance
- Option to supply sleeves in **reels and cut stacks**

Leaflets.

- **Multicolor options**
- Use of specific **high opacity** paper to ensure readability
- **100% inspection designed systems** in line to prevent mixup
- **High production capacity** and **high flexibility** enabled by state-of-the-art printing equipment

Technology and capabilities

- **10 printing presses**
- **5 guillotines**
- **Large production capacity** in the folding department with more than 30 machines
- **Vjiuk outsert systems**
- **3 Fold It^(R)** equipments
- **3 plow folders** for reel leaflets

Specialities

- Single and multi-color options
- Good opacity (low degree of transparency)
- Excellent degree of whiteness
- Excellent printability
- Codability
- Secure monitoring during the folding process to prevent mix-ups
- Product safety ensured through stringent standards and control measures

Manufactured in



Latina, Settimo Milanese,
Italy



Anápolis, **Brazil**



Settimo Milanese, **Italy**



Patented solutions



Received the 'Best Technology Innovator 2022' award from Oscar della Stampa 2022, subject to the award scope.

Fold-it® our innovative multipage solution, is easy to read, offers low grammage, and is a unique sheet without risk of mix-ups.



All-in-one® is our booklet+leaflet solution offering up to 4+4 colors and produced with 100% in-line electronic quality controls.

Folding boxes.

- Glued cartons for all healthcare formats
- Selected materials from controlled supply chains to ensure maximum efficiency on our print lines and product protection
- Total Quality Inspection by HHS with automatic ejection
- Serialization

Specialities

- **Labeling** machine
- **Variable data ink jet** head integrated on folding-gluing machines
- **Serialization**
- **Anti-counterfeiting** solutions



Salerno, Italy

Technology and capabilities

- **3 printing lines** (700x1000 mm) with up to 8 colors and reverse-side printing
- **5 Bobst EXPERTCUT die-cutter carton lines** with Power Register systems
- **4 Bobst gluing machines** with CARTONPACK 4 automatic packers and 100% in-line inspection system "Xtend Baumer" 100%
- **1 window patching machine**
- **Design and mockups** available with short turnaround times, depending on project scope and site conditions using our in-house plotter
- **End-of-line robotic automation** to increase production efficiency and flexibility
- **ERP integration** for faster and more reliable data management

Manufactured in



Salerno, Italy



Anápolis, Brazil

Special features



- **Accubraile unit or dedicated die cutting** (with multiple rows and flexible placement) with Braille check (for dot height and position)
- **Specialized die-cut designs**
- **Microlettering**
- **Coin-reactive features**
- **Micro-printing and micro-perforation** systems for tamper-evident closures also in combination with security labels
- **Window and film options assessed for biodegradability under specified standards and conditions, where applicable**, with no restrictions on size and position



Booklets.

- **Fully integrated system** for in-house booklet production
- **Maximum flexibility**
- **Rapid time-to-market**
- **Wide range of customization options**

Technology and capabilities

At All4Labels we can count on an **extended cross-regional network of capabilities** to efficiently meet the needs of the **healthcare sectors**, combining **conventional** and **digital technologies** for **booklet labels**.

The **fully integrated system** for in-house booklet production provides our customers with **maximum flexibility**, rapid delivery, and a **wide range of customization options**.

We deliver products equipped with **advanced technology and robust security features** for brand protection, while ensuring lead times that meet our clients' needs.

Specialities

- **Multi-page solution** suitable for multi-language and extensive regulatory information
- **Secure and user-friendly solution**
- **Available in various color combinations** and materials

Manufactured in



Pomezia, **Italy**



Jandira, **Brazil**



Jandira, **Brazil**

Special solutions



Multi-printed pages (up to 5) ideal for small and long runs. Available in a wide range of variants, materials and adhesives.



Flexible packaging.

- **Advanced digital printing** complying with pharmaceutical regulations
- **Serialization** and **mass individualization** (HP Mosaic)
- Specializing in **small production batches**
- **Designed** to reduce set-up waste
- **Lamination** for duplex or multi-layer applications
- **High execution speed** from fully proprietary production lines
- **End-to-end in-house doypack** pouch production powerhouse

Technology and capabilities

- Flexo printing machines with up to **10 colors**, plus a **rotogravure press**
- **Solvent-free** lamination lines
- **Slitting lines**
- **Matte** and **gloss** surface finishes
- **Paper** and **soft touch** coatings
- **QR Tag** application

Specialities

- **Combined applications:** labels, multilayer, rigid labels and more
- **Specialty applications**
- **Open** and **reclosure** solutions
- Our doypack powerhouse provides end-to-end in-house production, delivering **customized solutions for a wide range of applications**



Special solutions



Doypack



Flow-pack



Sachet



Wet-wipes pack
+ USELY®



Aluminum.

- We use **UV flexographic technology**
- Accurate and flexible printing is possible on both **aluminum foil** and **polylaminate**s, with thicknesses ranging from 20/25/30 to 100 microns
- Four continuous printing lines for flexible materials, with **constant quality control**
- Printing up to **4 colors**, offering a wide range of customization options
- Highly versatile products allowing various **heat-sealed coatings** and **lacquering systems**

Specialities

- Printing on aluminum coils with **cutting marks**, in a controlled environment, to ensure customer standards
- **Centered step** and **recto/verso printing** available

Manufactured in

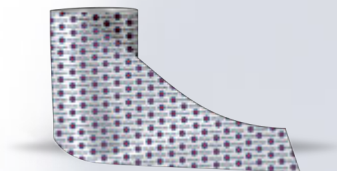


Latina, Italy



Latina, Italy

Special solutions



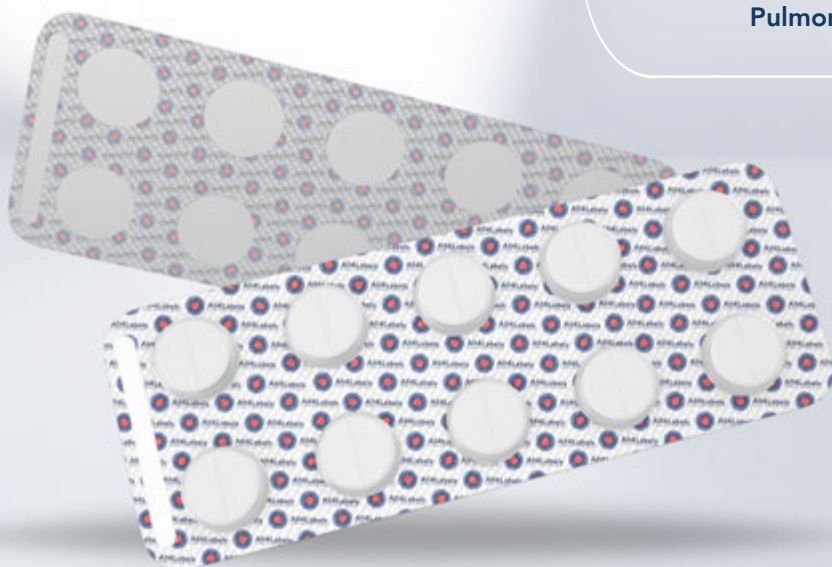
Metallic roll



Injectable drug delivery



Pulmonary





Smart products & solutions for the healthcare industry.

Authenticity plays a critical role in the healthcare industry. In addition, **EU regulations** require manufacturers to provide **pharmaceutical packaging** with forgery-proof and verifiable features.

At **Integritag**, the technology division within All4Labels, we are redefining the labeling landscape through a dual commitment to **innovation** and **sustainability**.

Solutions designed to support **supply-chain efficiency**, **patient interaction** and **anti-counterfeiting** in defined use cases.



Supply Chain
Efficiency



Anti
Counterfeiting



Patient
Interaction



eRFID-based labeling
solutions designed to reduce
environmental impact compared
to conventional RFID



Marcallo, Italy



Anti-Counterfeiting to
safeguard patient health



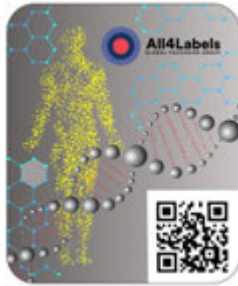
Quality Assurance
throughout the entire
supply chain



Direct Communication Channels
between pharmaceutical
companies, healthcare
professionals (HCPs), customers,
and patients

Our solutions.

With the ability to capture information in real-time and from a distance, **smart labels** provide a **robust solution** for businesses looking to enhance their operations, **improve security**, and gain valuable insights from their processes.



Hologram

Labels based on Nanogram-technology for brand protection and counterfeit risk mitigation, featuring five distinct security layers.



QR Fingerprint™

A unique ID and QR pattern that together create a distinct identifier for individual products, enhancing protection against counterfeit copies.



RFID and eRFID

Low- and high-frequency RFID and eRFID antenna systems designed for recyclability compatibility designed for retail, brands, and the industry. Our solutions enhance supply chain efficiency, enable chain of custody, inventory management, and more.



Autoinjector

Multi-layered security solutions for medical devices.



Recyclable, recycled,
renewable and
reused materials



Responsible
manufacturing

+50

Test methods
performed for several
packaging and printing
applications

Our commitment to reducing environmental impact through circular packaging solutions.

We aim to be a world-class sustainable packaging company by challenging ourselves to be agents of change because we care about our people, planet, and customers.

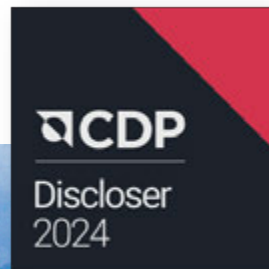
As a global packaging company, we are committed to reducing environmental impact and supporting the transition to a circular economy.

Through responsible practices and design, we help reduce environmental impact across the packaging lifecycle.

Our certifications.

In 2025, pharmaceutical production sites in Salerno, Milan, Latina, Pomezia, Terrassa, Kassel, Birkerød received EcoVadis ratings/medals recognizing assessed management practices within the rated scope and demonstrate a trusted commitment to environmental, ethical, social responsibility, and sustainable procurement practices.

We obtained global recognition from the Carbon Disclosure Project, earning a B for climate and a **B-for Water and Forests**.



Salerno, Italy

Our sustainable portfolio.

STAR is a portfolio of solutions designed to meet the evolving needs of brand owners and **address consumer demands**.

The STAR Portfolio offers a comprehensive range of labeling **products, services, and materials** designed to support packaging developments across industries, with a focus on reducing, reusing and recycling approaches.

Sustainable solution for the healthcare segment.

STARDIRECT™ innovative decoration technology creates a **unique 'no-label' look**, with significant material reductions and an improved appearance, representing a alternative decoration technology that can reduce material use and support lower cradle-to-gate CO₂e versus conventional PSL.

STARDIRECT™ meets sustainability requirements by reducing plastic and waste, **reducing CO₂ emissions*** by 32% compared with conventional PSL/SSL during production and **can support reuse and recycling** for brands and consumers.

Technical info:

- Plastic reduction compared to traditional labeling solutions.
- Wide color gamut.
- Reduced end-to-end cost by lowering MOQs and a shorter time to market.
- Personalization for customized branding and messaging.

*backed up by an LCA study cradle to gate conducted by a third party called Sphera



Our services.

Focusing on megatrends in the **packaging industry**:

- Consumer interaction
- Design for the circular economy
- Digitalization/Internet of things (IoT)
- E-commerce and online business

graphics
g value by shaping ideas

Technical support
Artwork management
Integrated management process for project development
Prototyping
Technical design and packaging prototyping

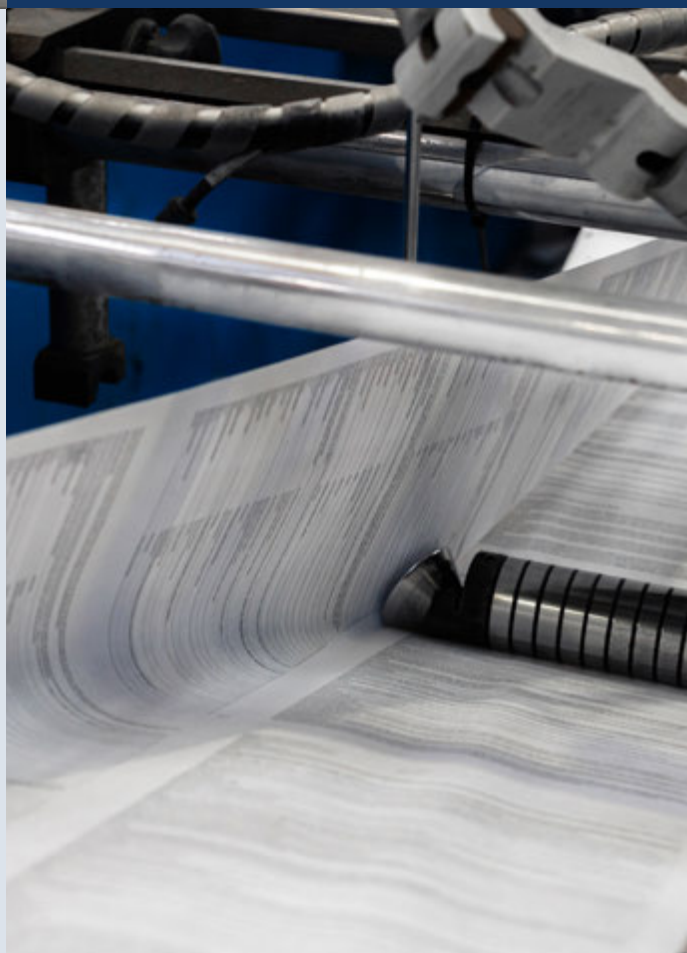


San Giuliano, Italy

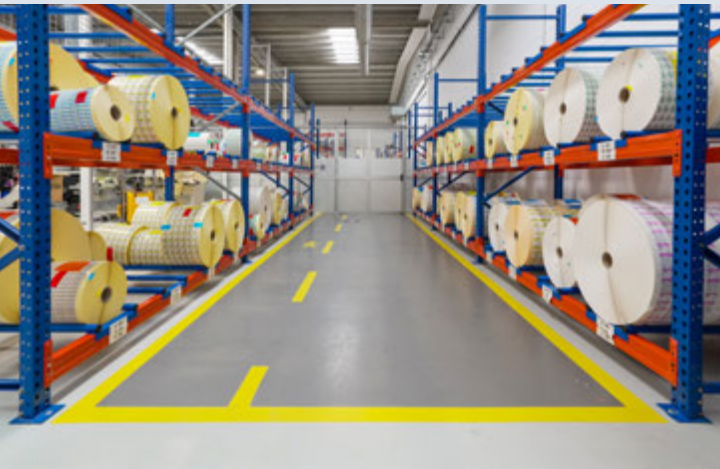
With **All4Graphics**, our packaging design unit, we integrate innovation, creativity, design, and prepress processes using the most modern workflows to help you realize your **complete packaging** solution from a single source.

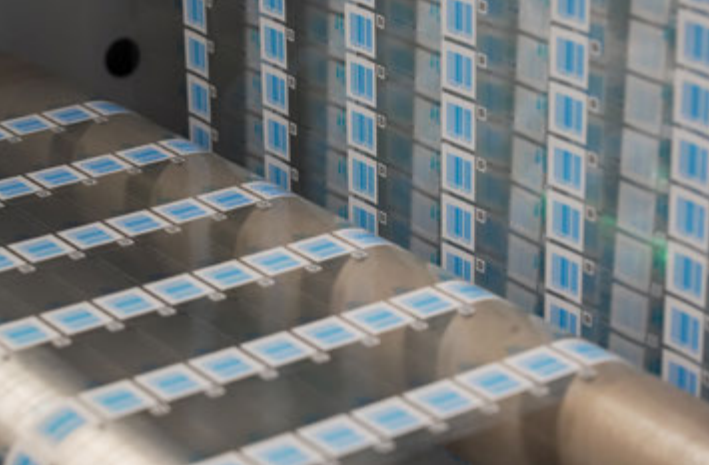
Alongside a large digital press capacity supporting customer projects, we also offer extensive experience with **variable data management**.

- Personalization and serialization, using codes, texts, and images
- Shaping customer relationships and creating new consumer experiences
- Millions of individualized designs



We help customers with packaging solutions intended to support product integrity, information delivery and patient safety-related requirements.





All4Labels healthcare division
Securing packaging, protecting health.

