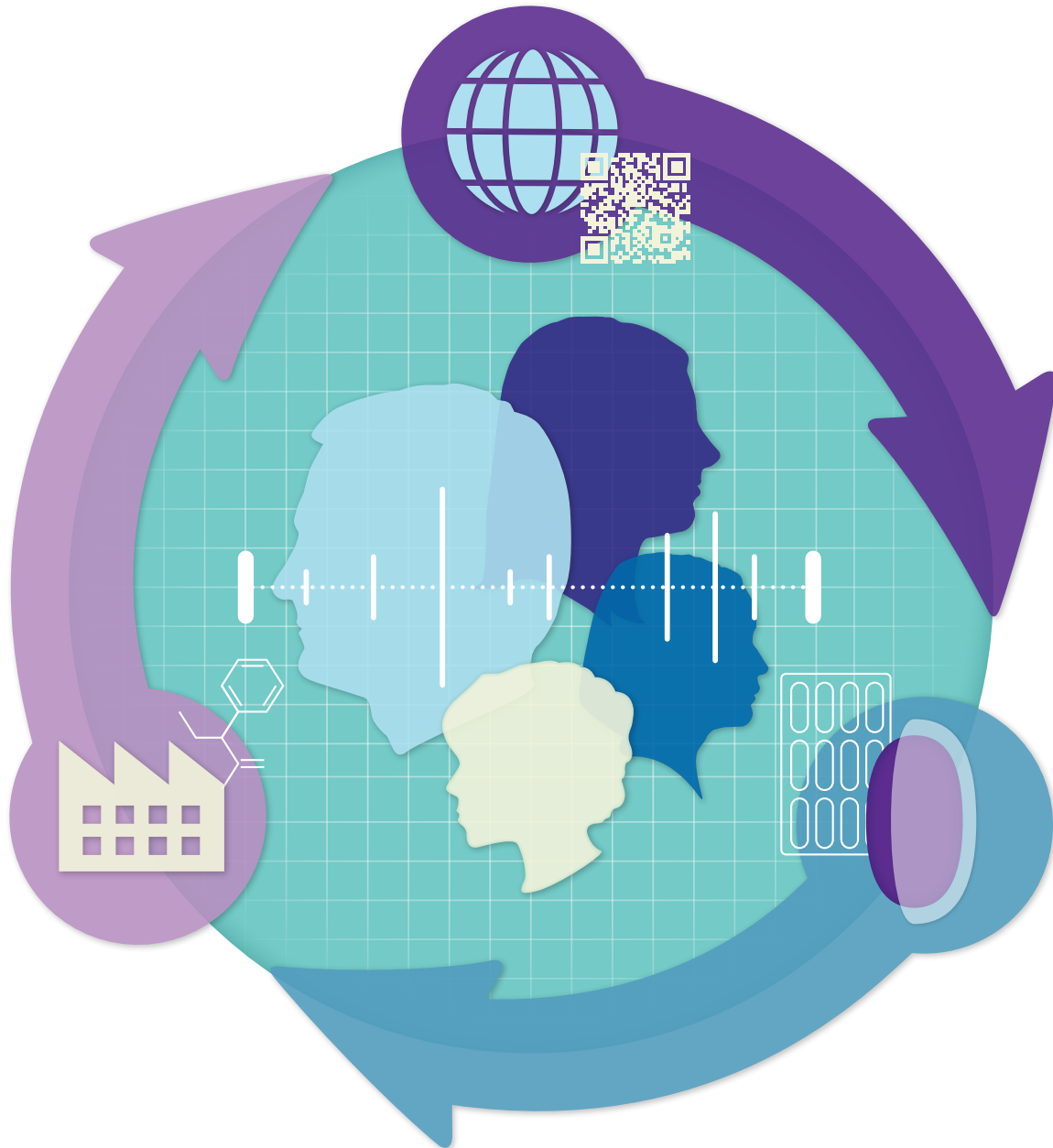


global clinical trials.
integrated solutions.
reduced timelines.



DEVELOPMENT



DELIVERY



SUPPLY

As a worldwide clinical supply services leader, Catalent has the scale, expertise, innovative solutions and cutting-edge supply models to improve efficiency and reduce your trial timelines.

WHY CATALENT? Our commitment to quality is evident throughout our organization from our innovative solutions to our expertise in global clinical supply.

25+ years of experience

5,000+ clinical trials

Serve **25+ top** pharma and **300+** virtual to small companies

9 facilities in the US, Europe and Asia*

50+ depots on **6** continents

150,000+ shipments a year to **80+** countries

99% on-time delivery

100+ primary and secondary packaging suites

1,400,000+ cu. ft. controlled temperature space

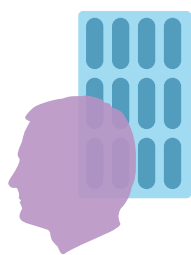
800+ DEA schedule I-V pallet spaces

*CATALENT JAPAN OPENING 2016



TAILORED SOLUTIONS FROM A GLOBAL LEADER

Whether you are seeking stand-alone support or a comprehensive package, we have the right solution for you.



CLINICAL SUPPLY MANAGEMENT

Expert guidance for your trial needs. Complete support for your clinical trial with keen attention to detail and reliable, cost-effective supply strategies.



COMPARATOR/ REFERENCE DRUG SOURCING & BLINDING

Speed and reliability where you need it. Integrated, end-to-end solutions from dedicated sourcing specialists and a global network of innovators, manufacturers and wholesalers.



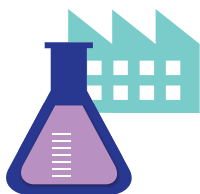
CLINICAL PACKAGING & LABELING

Industry-leading capabilities, reduced timelines. Automated technology solutions, integrated services, and customized package design, labeling and assembly with superior quality.



CLINICAL STORAGE, DISTRIBUTION & RETURN

Complete and proven worldwide support for your supply chain strategy. A network of 50+ strategically located global depots to reliably supply your clinical trial almost anywhere.



INTEGRATED SOLUTIONS FROM DEVELOPMENT TO COMMERCIALIZATION

Broad services and deep expertise to take you beyond clinical trial supply. Integrated solutions from development to commercialization and in-house efficiencies to help move your product from clinic to market.





CLINICAL SUPPLY MANAGEMENT

Complete, cost-effective support for your clinical trial.

With more than 5,000 trials to date, we have the experience needed to optimize your study design and ensure cost-effective approaches for single protocols to the most complex studies. Our experience with the international regulatory environment, demand simulation and forecasting, and practical issues drives reliable supply and minimizes waste.

- Global supply chain project lifecycle management, from manufacturing through final accountability and destruction
- Supply chain planning and optimization services including forecasting and Monte Carlo simulations
- Coordination and collaboration with clinical, medical and third-party teams to develop and monitor the clinical supply plan
- Integration with IRT (IVR/ IWR) systems including co-development of requirements, specifications and monitoring
- Catalent Fusion suite and customer portal enables secure document sharing, real-time shipment tracking, reporting and supply chain visibility
- Management of inventory levels and expiry data to monitor and control stock at storage facilities, depots and clinical sites
- Consultative services for cold chain requirements and controlled substances management



CLINICAL MANUFACTURING & COMPARATOR/REFERENCE PRODUCT SOURCING

CLINICAL TRIAL MANUFACTURING

Quality and reliability. Easy transfers and fast scale-up to achieve the efficiency and savings you demand.

- Blending, granulation and encapsulation
- High-speed capsule manufacturing with 100% weight checking of all capsules
- Customized fills, including hard gelatin capsules

COMPARATOR & REFERENCE PRODUCT SOURCING

Our service is what sets us apart.

We take the time to fully understand your requirements broadly and optimize your purchasing strategy. When you work with Catalent, you gain access to our buying power as a global leader in clinical trial supplies and direct, cost-effective access to virtually any product — even the difficult-to-source items.

- Direct sourcing from innovators, major wholesalers and local distributors
- Strict adherence to storage requirements
- Robust supply chain management and forecasting to optimize sourcing strategy
- Analytical services including release, equivalency, and stability testing

BLINDING & OVER-ENCAPSULATION

Speed, flexibility & creativity. With a dynamic range of cutting-edge equipment and flexible capacities, we can procure, blind and distribute virtually any drug product.

- Automated deblistering
- Fully automated over-encapsulation
- Syringe, vial and device masking



CLINICAL PACKAGING & LABELING

Scale, speed and reliability where you need it. We've helped hundreds of companies of all sizes supply their clinical studies. From small scale Phase I studies to complex, large global Phase III studies, we help you overcome project challenges and ensure you get the highest quality, most cost-effective solution.

Our investments in automated equipment and special handling suites provide industry-leading efficiency, accuracy, capacity and flexibility. We develop solutions that are not only material efficient, but also meet your critical trial timelines.

PRIMARY PACKAGING

- High-speed blistering & bottling lines
- Automated plunger-rod insertion and labeling for pre-filled syringes
- Semi-automated & hand-fill bottling lines for smaller batches

- High potent/cytotoxic handling suites
- Temperature and humidity controlled packaging suite

SECONDARY PACKAGING

- Automated wallet sealing
- Hand-assembly
- Scan and assembly
- Cold room packaging
- Package design services

CLINICAL LABELING

- Label design & printing
- Multiple label types
- Clinicopia labeling system with global phrase library and online label approval



CLINICAL STORAGE, DISTRIBUTION & RETURNS MANAGEMENT

Complete and proven worldwide support for your clinical supply chain strategy. We have GMP-compliant facilities in the US, UK, Germany and Asia-Pacific region, as well as a global network of 50+ strategically located depots. Whether you need regional support and expertise or require a global solution, you can depend on us to reliably take your products worldwide.

CONTROLLED SUBSTANCES

Our experienced teams have the extensive regulatory and logistical expertise necessary to help you navigate the challenges of distributing your controlled drug substance on a global scale.

CLINICAL STORAGE & DISTRIBUTION

Ongoing testing and validation of our supply chain ensures that we provide our customers with the best logistics solutions available. Our electronic inventory management system, Catalent Fusion, allows you to actively monitor your materials from virtually anywhere.

- Ambient, CRT, 2-8°C, -15 to -25°C, -70°C to -90°C and cryogenic storage
- Controlled substances (DEA Sch. I-IV)
- QP release services
- Integration with IRT and customer inventory management systems
- Returns, reconciliation and destruction

COLD CHAIN SERVICES & SPECIALTY PRODUCT HANDLING

Biopharmaceutical customers rely on the industry-leading capacity and state-of-the-art monitoring systems used throughout our cold chain network. With our global, end-to-end support capabilities, you can rest easy knowing your products are handled appropriately - all over the world.



GLOBAL CLINICAL SUPPLY NETWORK

Worldwide support for your clinical trials.

SUPPLY SITES

KANSAS CITY, USA
 PHILADELPHIA, USA
 BATHGATE, UK
 BOLTON, UK
 DEESIDE, UK
 SCHORNDORF, GERMANY
 SINGAPORE
 SHANGHAI, CHINA
 KAKEGAWA, JAPAN*

GLOBAL DEPOTS

ARGENTINA	ESTONIA	JAPAN	SOUTH KOREA
AUSTRALIA	FINLAND	LEBANON	SPAIN
BELARUS	FRANCE	MALAYSIA	SWEDEN
BELGIUM	GERMANY	MEXICO	TAIWAN
BRAZIL	GEORGIA	NETHERLANDS	THAILAND
CANADA	HONG KONG	PERU	TURKEY
CHILE	HUNGARY	PHILIPPINES	UKRAINE
CHINA	ICELAND	POLAND	UNITED KINGDOM
COLOMBIA	INDIA	ROMANIA	UNITED STATES
CROATIA	IRELAND	RUSSIA	
CZECH REPUBLIC	ISRAEL	SINGAPORE	
DENMARK	ITALY	SOUTH AFRICA	

*OPENING 2016



INTEGRATED SOLUTIONS FROM DEVELOPMENT TO COMMERCIALIZATION

Broad services and deep expertise to take you beyond clinical trial supply—from discovery to development to market.



BIOLOGICS

GPEX® TECHNOLOGY
 SMARTAG™ ADC TECHNOLOGY
 BIOMANUFACTURING
 INJECTABLES

ANALYTICAL SERVICES

SMALL & LARGE MOLECULES

REGULATORY SUPPORT

ORAL SOLID DRUG DEVELOPMENT

RP SCHERER SOFTGEL
 ZYDIS® FAST DISSOLVE
 CONTROLLED RELEASE
 OPTIDOSE® TECHNOLOGY
 OPTIMELT® HOT MELT EXTRUSION

CLINICAL SUPPLY SERVICES & MANAGEMENT

CLINICAL PACKAGING
 COMPARATOR SOURCING
 GLOBAL DISTRIBUTION
 COLD CHAIN SERVICES

CLINICAL & COMMERCIAL MANUFACTURING

RP SCHERER SOFTGEL
 STERILE & GLASS-FREE SOLUTIONS
 IMMEDIATE & CONTROLLED RELEASE

Catalyst + Talent. Our name combines these ideas. From drug and biologic development to delivery technologies and supply solutions, we are the catalyst for your success. With over 80 years of experience, we have the deepest expertise, the broadest offerings, and the most innovative technologies in brand and generic pharmaceuticals, biologics, veterinary medicine, and consumer and animal health. Whether you are looking for a single, tailored solution or multiple answers throughout your product's lifecycle, we can improve the total value of your treatments—from discovery to market and beyond. **Catalent. More products. Better treatments. Reliably supplied.™**



DEVELOPMENT

- BIOLOGICS
- GPEX® TECHNOLOGY
- SMARTAG™ ADC TECHNOLOGY
- PRE-FORMULATION & FORMULATION
- OPTIFORM® SOLUTION SUITE
- OPTIFORM® API SOLID STATE SERVICES
- PHARMACEUTICAL & BIOPHARMACEUTICAL LAB SERVICES
- SMALL & LARGE MOLECULE ANALYTICS
- REGULATORY CONSULTING
- PARTICLE SIZE ENGINEERING



DELIVERY

- RP SCHERER SOFTGEL
- OPTISHELL™ & VEGICAPS® CAPSULES
- CONTROLLED RELEASE
- ZYDIS® FAST DISSOLVE
- OPTIDOSE®
- OPTIMELT® HOT MELT EXTRUSION
- INHALATION
- INJECTABLES



SUPPLY

- CLINICAL SUPPLY
- MANUFACTURING
- BLOW/FILL/SEAL
- STERILE FILL/FINISH
- PACKAGING SERVICES & SUPPLY CHAIN SOLUTIONS

To learn more about
Catalent Clinical Supply,
contact us today.

www.catalent.com

Our global facilities.

10245 Hickman Mills Drive
Kansas City, MO 64137
T +1 816 767 6000

Inchwood, Bathgate
West Lothian, UK EH48 2EH
T +44 (0) 1506 813000

No. 1, Jalan Kilang, #02-01/02
Dynasty Industrial Building
Singapore 159402
T +65 6271 1891

1656 Kurami, Kakegawa shi,
Shizuoka 436-0341, Japan*
T +81 537 29 1131

10381 Decatur Road
Philadelphia, PA 19154
T +1 215 501 1210

Lancaster Way,
Wingates Industrial Park,
Westhoughton, Bolton,
Lancashire, UK BL5 3XX
T +44 (0) 1942 790000

Section C , Building 10
No. 353 North Riying Road
Shanghai Waigaoqiao
Free Trade Zone, China
T +86 21 61698170

*CATALENT JAPAN OPENING 2016

Unit 107, Tenth Avenue
Deeside Industrial Park
Deeside, UK CH5 2UA
T +44 (0) 1244 845700

Steinbeisstraße 2
Schorndorf, Germany D-73614
T +49 7181 7000 0

more products.
better treatments.
reliably supplied.TM

Challenge us. Let us help you get to clinic
faster and more efficiently anywhere in
the world. Catalent Pharma Solutions.
We are the catalyst for your success.

Catalent Pharma Solutions

14 Schoolhouse Road
Somerset, NJ 08873 USA

T +1 888 SOLUTION (765-8846)

F +1 732 537 6480

www.catalent.com

solutions@catalent.com

GPEX, OptiDose, Vegicaps and Zydis are registered
trademarks of Catalent Pharma Solutions
OptiMelt is a trademarks of Catalent Pharma Solutions
Xcelodose is a registered trademark of Capsugel Belgium BVBA
Powdernium is a registered trademark of Freeslate, Inc.

© Copyright 2015
Catalent Pharma Solutions, Inc.
All rights reserved

Lit. No. DCS/CSS/BR (09/15)

Catalent[®]