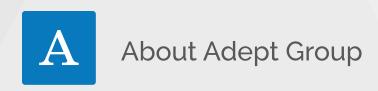


AdeptGroup

ENGINEERING EXCELLENCE

Adept Group has assembled the top experts in the packaging industry to enable Pharmaceutical and Medical Device companies to:

Reduce Risk
Optimize Operations
Improve Sustainability
Increase Speed to Market
Decrease Costs





A Global Team of Experts

ENGINEERING, CONSULTING, TALENT & DIGITAL SOLUTIONS

The Adept Group delivers best in class engineering, consulting, talent and digital solutions for the packaging world. With specialized teams focused on each of those areas, we work with the most iconic brands in the Pharmaceutical, Medical Device and Biopharmaceutical industries.

Consulting

Our specialized team of over 100 packaging engineering experts utilize our multi-disciplined methodology, diversity of expertise and expansive supplier network to identify, strategize, source and solve even the most complex challenges.

Deliverable: A scope of work detailing a solution that you can hire us to implement

Staffing & Recruiting

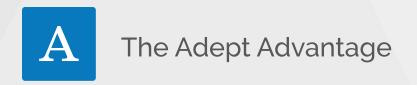
When you have a scope of work but need the resources to implement, our staffing model works perfectly. We leverage our diversity of expertise to provide whatever working model fits your need, from specific subject matter expertise, to implementation gurus or an entire packaging department. Some companies utilize our staffing model as a "try it before you buy it" when looking to hire full time employees.

Deliverable: A timecard

Cost & Quality Optimization

Our team of optimization specialists leverage our best in class tools, talent and resources to identify cost savings throughout your entire supply chain. We pair engineering and design optimization with strategic sourcing to allow for lower costs, reduced risk and increased quality.

Deliverable: A detailed overview of your packaging spend and actionable opportunities to reduce costs.





Over 1,500 Combined Years of Experience

WHY WE'RE DIFFERENT

We are driven to maximize the value of design, development and engineering services tailored to meet our clients' packaging needs. We differentiate ourselves in a number of ways:



Global Team of 100+ Experts

Experienced team of highperforming professionals with one of the largest teams of packagingrelated subject matter experts spanning the US and EU



Diverse Technical Capability

Broad spectrum of expertise in 60+ specialized areas covering all technical needs of a packaging department from concept through commercialization



Industry-Leading Client Base

We have worked with all 10 of the leading global pharmaceutical companies in the world



Market Leader

Unrivaled expertise and industryleading best practices



Stable Financials

Wholly-owned operations, with a track record of growth since inception

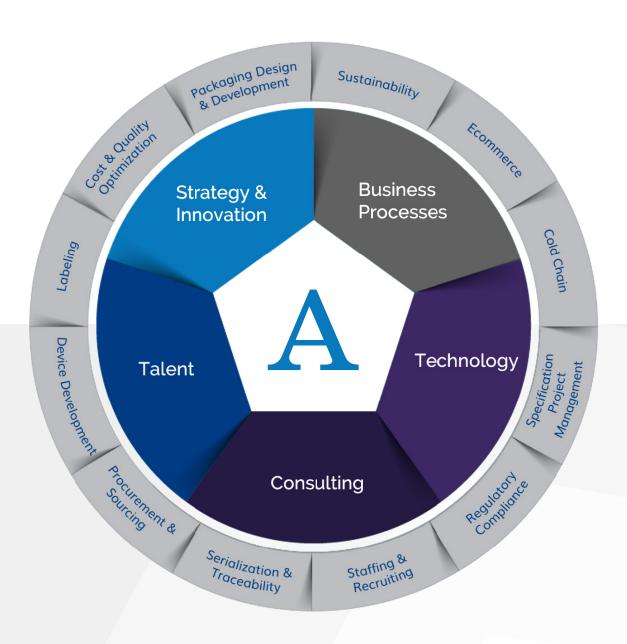


One Tree Planted

We donate a percentage of each project to help with reforestation efforts across the globe



In 2019, we saved our clients over \$117,000,000



Diversity of Expertise

PACKAGING ENGINEERING IS NOT ONE-SIZE-FITS-ALL.

Clients rely on our knowledge of specific regulations, packaging components, materials, formats, and applicable technologies, as well as our understanding of their respective supply chains. Based on their needs, we assemble a team of leading experts to develop solutions tailored to meet their specific goals.

Our services cover all of the core needs of a packaging department, from concept through commercialization, while our capabilities enable remediation, differentiation, and optimization of your entire supply chain.

Process & Technologies Expertise





Thermoforming

Our Education

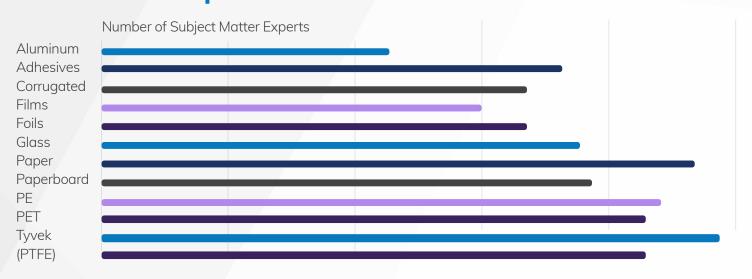
- Michigan State
- Rutgers
- Rochester Institute of Technology
- Clemson University
- University of Wisconsin-Stout
- San Jose State University
- California Polytech State University



Multi-Disciplinary Backgrounds

- Packaging Engineering
- Material Science
- Industrial Engineering
- Biomedical Engineering
- Supply Chain Management
- Automation, Engineering Management
- Medical Engineering
- Plastics Engineering
- Device Development
- Regulatory
- Labeling

Material Expertise





From Management to Manufacturing

IMPROVING PACKAGING SYSTEMS

Our technical experts have a strong track record of implementing and optimizing digital packaging solutions to increase consumer safety, reduce risk, increase speed to market and improve the functionality of your packaging system.

"Adept Digital provides technical expertise for serialization, aggregation, labeling and packaging. Adept Packaging feels like an extension of our packaging engineering team. It's been a good partnership."

-Javier Gonzalez, Promius Pharma



Our Capabilities

- Digital strategy development and ideation
- Serialization implementation
- Traceability solution implementation
- IT implementation
- Technical assessment (machinery, efficiency, packaging materials, etc.)

- Tech transfer of pharmaceutical products
- Vendor management
- Program optimization
 - Improve Overall Equipment Effectiveness
 - Assess and improve overall operational efficiency



Guiding Your Sustainability Journey

A PHASED APPROACH TO SUSTAINABILITY

We understand the differing needs among organizations when it comes to sustainability. While some need trustworthy technical resources to navigate a rapidly changing regulatory and consumer environment, others are looking to be sustainability pioneers.

Our team has the resources, tools and expertise to guide companies through any stage of their sustainability journey. From taking the first step to becoming a recognized industry leader, Adept has you covered.

Orientation & Assessment	Goal Development	Technical Feasibility	Development & Execution
PHASE 1A	PHASE 1B	PHASE 2	PHASE 3
 Education Stakeholder Alignment Solution Assessment of Sustainable Packaging 	Interactive WorkshopsGoal Creation Facilitation	Deep Dive of SolutionsPrototypingHigh-level Project Planning	 Develop testing and validation plan Specification development Execute testing and validation plan
DELIVERABLE Customized Sustainable Packaging Orientation & Packaging Landscape Matrix	DELIVERABLE Customized Goal-Setting Report	DELIVERABLE Options that can enter Development and Execution	DELIVERABLE Package ready for Commercialization
UP TO 8 WEEKS	4-6 WEEKS	UP TO 8 WEEKS	DETERMINED IN PHASE 2



Case Studies

A GLIMPSE INTO PAST PROJECTS



Label Qualification



<u>Leakage</u>



Device Development

White Papers



Cold Chain



Considerations for Successful Label Qualification



Choosing the Right Design for Sustainability



A Guide to Successful Packaging Distribution

Technical Sheets



Thermoforming



Pouches

Accelerating Savings Beyond Sourcing

IMPROVING YOUR PACKAGING SUPPLY CHAIN

Our team of optimization specialists leverages our best-in-class tools, talent, technology and resources to improve the cost efficiency and quality of your packaging supply chain.

The Three Pillars of Optimization



Operational Strategy

Develop your strategic blueprint for optimization



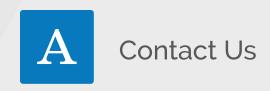
Market Research

High-performing intelligence that answers critical business questions faster



Implementation

Transform the value of your packaging through insights-based implementation



We Would Love to Partner with You on Your Next Packaging Project

CONTACT US TO DISCUSS YOUR UNIQUE NEEDS.



Lindsay lannelli

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