



# Got a minute?

We have some ideas  
we'd like to share.



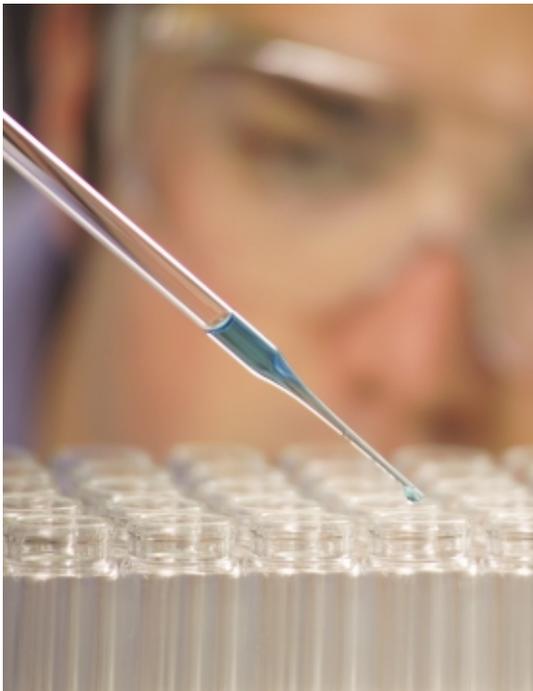
Yesterday, this would be unthinkable. But then, it's not yesterday anymore.



The lines between black and white, left and right, competitor and collaborator have blurred. Though the game's the same, the rules have changed.

For over a century, Kodak has led the evolution of an industry. Now it's time to take the knowledge, technologies, and processes we've amassed and share them with companies that share our values and our goals. Companies like yours.

So if you're looking for a manufacturing partner, consider Kodak's Global Manufacturing Services. We'll bring the experience, the expertise, and the intellectual capital needed to help you realize your product objectives. As your sourcing solutions provider, we are here to help define, design, build, and deliver your product—on strategy, on time, on specification, and on budget.



**OVER 7,000 OF THE SMARTEST MINDS IN THE WORLD. AT YOUR SERVICE.**

It's not the physical structure of a manufacturing plant that makes or breaks the manufacturing process. It's the minds within it. When you team with Kodak's Global Manufacturing Services, you gain access to an immeasurable wealth of knowledge and problem-solving expertise in novel particles, thin-film precision coating applications, fine chemicals, and flexible substrates. Our business is backed by a global network of scientists and engineers ready to apply our knowledge to your media and chemical applications within the infoimaging industry — and beyond.

- » Traditional Imaging—Papers, films, and processing chemical components.
- » Digital Printing—For inkjet, thermal, and other printing media and chemical components.
- » Electrophotography—Toner, media, and other chemical components.
- » Other Market Applications—Chemical and media components used in the display, security, and identification markets.

From complex multilayer webs to nanoparticulate dispersions, you can trust Kodak's Global Manufacturing Services to consistently deliver high-quality products through innovative solutions.

» We call this new way of outsourcing manufacturing services **KODAK SMARTSOURCING**. Consider it a silent partnership on your terms. And a win-win for us all.

# A broad portfolio of capabilities. Backed by 120 years of knowledge and innovation.

## THE FOLLOWING PORTFOLIO OF SERVICE CAPABILITIES CAN BE APPLIED TO YOUR PRODUCT NEEDS:

- » narrow size distribution particles
- » complex fine chemical syntheses
- » multi-layer thin web coating and converting
- » cast and extruded substrates

## Novel Particles



Since the early days of photographic chemistry, the scientists at Kodak have worked to continually perfect the production and functionality of novel particles. Because of our unique ability to control the size, shape, stabilization, surface functionalization, and morphology of particles, we are able to meet specific product requirements.

- » Large-scale, highly uniform batches, from nano- to micron-size particles.
- » Effective control of chemistry and conditions for organic, inorganic, and polymeric particles, as fine as a few nanometers in diameter.
- » Multiple delivery options, including dry, free-flowing powders; aqueous or organic solvent dispersions; or gel matrix suspension.

Our experience with organic, inorganic, and polymeric materials is fully leverageable across a broad range of applications.

## Fine Chemicals



Imaging science is not just a part of us, it's who we are. In fact, it's in our DNA.

By consistently meeting the high-purity demands of advanced photographic chemicals, we have achieved a level of expertise that prepares us to solve even the most complex product development or manufacturing challenges.

- » Organic chemical synthesis.
- » Organometallic and inorganic chemical synthesis.
- » Polymeric material manufacturing capabilities.

Our body of chemical knowledge and color science is fully leverageable across a broad range of new business opportunities in imaging-related markets such as digital printing, security system and display components, and is extendable into other applications, including cosmetics, beauty aids, and catalysts.



KODAK SMARTSOURCING brings to market more than 120 years of Kodak's manufacturing experience and a broad portfolio of capabilities backed by extensive technical knowledge and research in materials science.

## Thin-Film Precision Coating



Kodak is a world leader in multi-layer, thin-film, flexible substrate coating. We can apply this expertise to meet your unique specifications.

- » Aqueous, solvent, and vacuum coating capabilities and a global network of manufacturing sites.
- » Multi-layer coating stations apply up to 10 layers simultaneously and up to 19 layers in a single pass.
- » Slide hopper, bead, curtain, and gravure coating technologies available.
- » Mechanistic understanding of coating and drying system interactions enable precision controlled drying.
- » Wide roll product conversions into a variety of roll and sheet formats.

Our experience with multi-layer thin-film coatings is fully leverageable across a broad range of applications—from electronic display materials, digital printing media, and flexible circuitry to magnetic memory media, organic electrophotographic imaging belts, and other imaging media components.

## Flexible Substrates



Our capabilities in solvent casting, extruded substrates, and resin-coated papers enable us to offer a variety of product solutions.

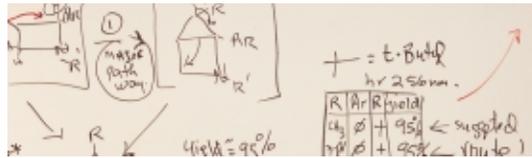
- » Coated, uncoated, and laminated papers.
- » Extrudable materials such as PET and PEN.
- » Solvent-cast, low-birefringent, high-Tg substrates such as cellulose triacetate (TAC) and PVA.
- » Surface and sub-coating applications for adhesion and frictional property control, electrostatic minimization, and scratch-resistant functional layers.

We are capable of manufacturing flexible substrates with unique physical and optical properties that can help you realize your new product opportunities in infoimaging. And beyond.

# The KODAK SMARTSOURCING Advantage

Whether your needs are to achieve productivity improvement for your current products or to commercialize new product ideas, Kodak's Global Manufacturing Services can deliver the sourcing solutions needed to help you realize your product development and manufacturing objectives at every stage. So you can focus your resources where you need them the most.

## Define



We'll bring the experience, the expertise, and the intellectual capital needed to help you efficiently assess your unique product opportunities and define a financially feasible solution.

- » A global team of highly skilled scientists and engineers focused on defining innovative and cost-effective solutions for your product development or manufacturing challenges.
- » Ability to perform early problem-solving, characterization, and quantification in the lab, and then take the results to any scale you need.

## Design



With access to thousands of patented processes and technologies, and in-house analytical services, KODAK SMARTSOURCING can help you commercialize your products quickly, economically, and as specified.

- » World-class designs, process control, and delivery systems enable reduced commercialization time from concept to ongoing demand plan fulfillment.
- » Expert development and analysis at every stage results in greater efficiencies, higher purity, and higher yields.

## Build + Deliver



Kodak utilizes lean manufacturing techniques and Six Sigma principles throughout all of our worldwide operations to ensure you get what you need, when and where you need it. We use a variety of process control techniques to optimize process yields and guarantee product quality.

All this makes KODAK SMARTSOURCING ready to provide you with the kind of advanced technologies and processes necessary to deliver the cost efficiencies you need to grow your business.

- » Our core development group's expertise ranges from mathematical and statistical modeling to entire system simulation.
- » All products are manufactured using the most advanced proprietary processes to consistently meet the most stringent specifications.
- » All manufacturing plants are ISO 9000 and ISO 14001 certified.
- » Our Global Health, Safety, and Environment (HSE) experts provide timely guidance to ensure that all end products are developed, produced, and shipped in a manner compliant with all domestic and international regulations.

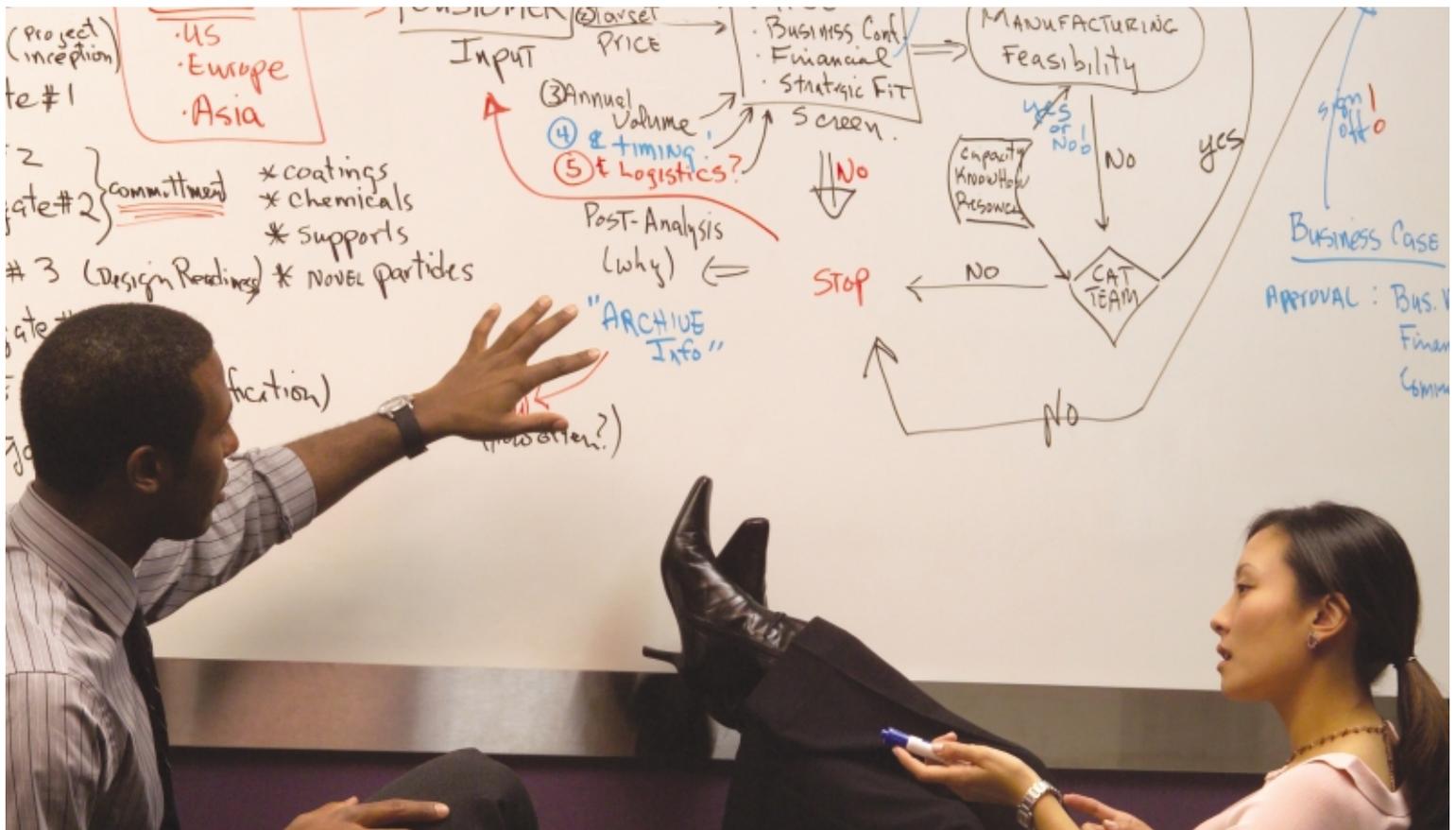
# So let's get to work.

KODAK SMARTSOURCING provides integrated end-to-end solutions of chemical and media product sourcing services. Kodak's diverse component and systems know-how, creative problem-solving, and wide range of resources can help you become more productive and profitable.

With KODAK SMARTSOURCING, in addition to gaining access to over 7,000 of the brightest minds in research and development, you also gain access to over 2,000 process technology patents applicable to a variety of manufacturing solutions, wide-ranging material science expertise, extensive pilot facilities, and world-class coating and drying methods that ensure integrated solutions.

Kodak's Global Manufacturing Services operates as a separate business unit within Kodak. Whether our customers come to us for our contract manufacturing and distribution capabilities or to form a new technology development partnership, they can expect our utmost commitment and our complete respect for their confidentiality.

To learn more about how KODAK SMARTSOURCING can help you define, design, build, and deliver, visit [www.kodak.com/go/smartsourcing](http://www.kodak.com/go/smartsourcing). Or contact Kodak's Global Manufacturing Services at 1.866.295.1005 or by e-mail at [smartsourcing@kodak.com](mailto:smartsourcing@kodak.com).





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