



Product Life Cycle Development Services



No-hostage get-it-done development

vision | insight | function | design | development | pre-production | transfer | lifecycle

Whether your development initiative is straightforward—or complex, large and evolving—we can help. Our proven program management and collaboration systems, modular development approach and Jump-

Start programs allow you to take advantage of our insight, expertise and capabilities at any point in your product's life cycle that makes sense for your organization.



Design

- Functional requirements definition
- Design specifications
- Product layout and features definition
- Pre-build engineering and testing
- Coordination with your marketing, engineering and sales staff

Engineering and modular product development

- Comprehensive capabilities to engineer complete product solutions
- PC board layout
- Technology selection and costing
- Prototyping
- Firmware and software development
- Testing
- Packaging and manufacturability

Development Jump-Starts

Ready-to-roll Jump-Starts—pre-defined services or knowledge transfers delivered in one to five days with a clear and fixed cost—let you quickly gain the knowledge you need to make critical development decisions. We guarantee each Jump-Start will deliver as promised or the engagement is on us. Don't see what you need? Visit rovisys.com or ask!

- Life Cycle Analysis
- Transforming Your Ideas to Market
- Tweak, Upgrade or Replace
- Recharge, Energize and Extend
- New Markets, New Products, New Possibilities
- Technology Assessment
- Program Management Methodology

Get broad, deep and proven resources and experience

Since its founding as one of the first control systems integrators in North America in 1989, RoviSys has grown to more than 100 people providing a variety of process automation solutions and services in a host of industries.

Today, the company has the resources and skills to solve and support practically any process automation and integration challenge. This breadth of resources and depth of experience makes RoviSys an excellent choice for companies looking for advanced and proven solutions.

RoviSys has become the leading independent provider of process automation solutions by:

- Providing clients with the vision and perspective required to imagine the most beneficial solution
- Recommending effective combinations of technology and services to achieve that vision
- Intently focusing on producing meaningful results

RoviSys divisions

- Process control system engineering and integration
- Information integration
- Pharmaceutical and biotechnology validation
- Product development services and software engineering
- Business Solutions cMES: Making companies more effective by unifying business and process information—plus other collaborative business solutions, including the GrandView projects management system

For more information

For information on RoviSys Development Services, Modular Product Development and product development Jump-Starts, contact John Cunningham, director of Development Services, at 330-562-8600 or jcr@rovisys.com.



You have the knowledge of your company, products and markets. You see the opportunities and the challenges. You know where you want to go—and when you need to get there. And, like others managing product development at providers of manufacturing systems and equipment, you're hunting for a way to get it done now that also gives you confidence in the future.

You're through with all the *can't be done's* and *don't think so's*. You face increasing competition and fast changing markets and technologies. To transform your product ideas into marketable advantages, you need the insight and resources to help boost your efforts *now*.

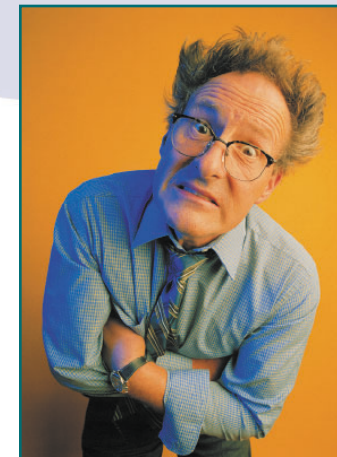
Comprehensive and insightful

You'll find them at RoviSys: from immediate to long-term help; in one specialized area or for a complete program. Wherever you are in your product life cycle or program, adding RoviSys to your team gives you the capabilities and insight to meet your goals—and far more than you'll get at any development-only firm:

- An experienced development team that's part of one of the largest independent process automation and control system integrators in North America.
- 100 developers and engineers under one roof who've implemented 2,000 projects for nearly 300 companies since 1989, including instrumentation for medical and industrial applications.
- Market and development insight from people who recommend, buy, implement and support instrumentation and control technologies for clients every day.
- A partner who has been and is in your shoes—who develops and markets its own products for selected applications.

Systems—not promises—for effective program collaboration

You can't complete 2,000 projects without the culture and systems for effective collaboration. RoviSys has both, which enables you to quickly partner your existing resources with ours to extend the life of current products or to leap ahead in new markets or products.



Hitting a wall? Call.

Running out of time? Need special expertise now? In most cases, we can help. Our broad and deep product development and process automation expertise and proven project collaboration

systems greatly improve the possibility of getting your program back on track.

Hostage-free development

Many providers seek to gain your business, then keep you captive. Not us. We build long-lasting relationships through a powerful commitment to your independence: steering clients away from *any* choice that leaves your future the hostage of any technology or vendor—including us. How? By:

- Recommending the best available standards-based and open systems technology and components for your product, people and program
- Delivering solutions you can support in-house or elsewhere if you choose
- Transferring all knowledge, documentation and technology used in your project

We call it **Modular Product Development**. You call it freedom. Turn the page for details.



The resources, capabilities, insight and freedom you need to extend, improve, replace and introduce products



vision

insight

product
market
growth

function

possibilities
realities
requirements

design

specification
technology
layout

development

engineer
prototype
test

pre-production

model
cost
validate

transfer

insight
technology
support

lifecycle

extend
upgrade
replace

results

hardware

microprocessor
circuit board
components

software

logic
control
best practices

connectivity

network
field bus
wireless

interface

hmi
legacy
business

support

documentation
maintenance
enhancements

possibilities

freedom

advance

collaborate

Stay in control—and ahead of the curve—with Modular Product Development

Modular Product Development is breaking down your product objectives into clearly defined functionality, then providing or exceeding that functionality with existing or developed modular or compartmented systems, components and technologies. Benefits include:

Program acceleration: Leveraging proven technology and expertise honed across multiple industries saves you time.

More possibilities: With RoviSys MPD, you can often add customer-winning functionality you thought was expensive, not applicable or were unaware existed.

More freedom: By choosing standards-based and open-systems technology, you increase your independence and customer appeal while decreasing life cycle costs.

More value: No other approach increases your opportunities to get more done sooner for less at each step of your program.

Modular Product Development means having expertise and resources available how and when you need them—in one area, across a program or as a key part of your ongoing development efforts.

Total transfer of insight, technology and expertise

Even a modular development program requires some customization. We help you identify the right combination of existing and developed ingredients, then blend them to achieve your needs and goals.

Whatever we put into your program, we document and transfer it to you. Which means you can maintain or upgrade your product however you choose. When you come back to us, we want it to be because we served you well. At RoviSys, vision, independence and results aren't just words—they are a way of life.

Collaborate and advance

Need to stay informed while your projects stay on track? You'll appreciate our GrandView Projects **Collaboration** System. Used in-house by RoviSys project teams since the mid-nineties, GrandView gives you 24/7 access to project libraries, status reports and team communications. Ask your RoviSys development engineer or learn more at www.rovisys.com.



MPD—MODULAR PRODUCT DEVELOPMENT™