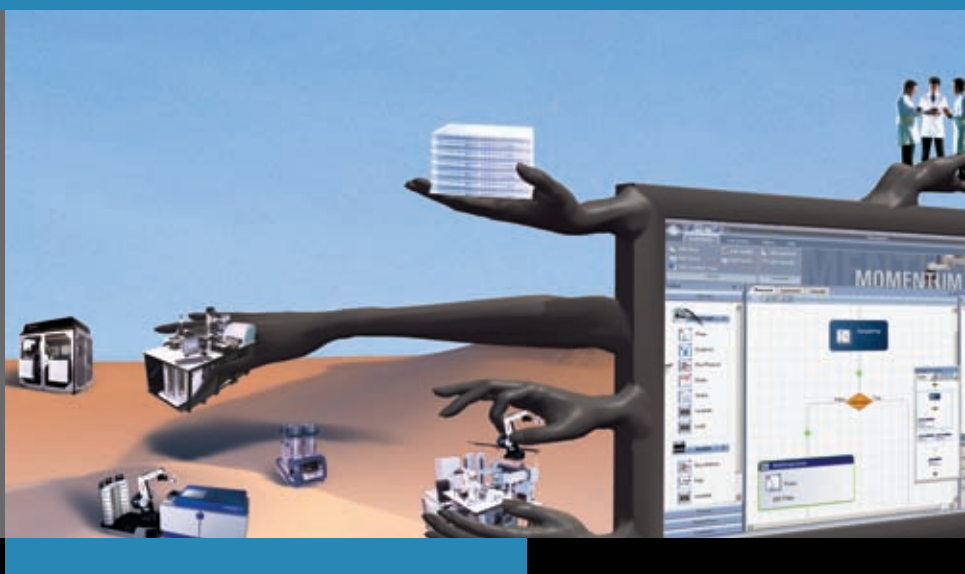
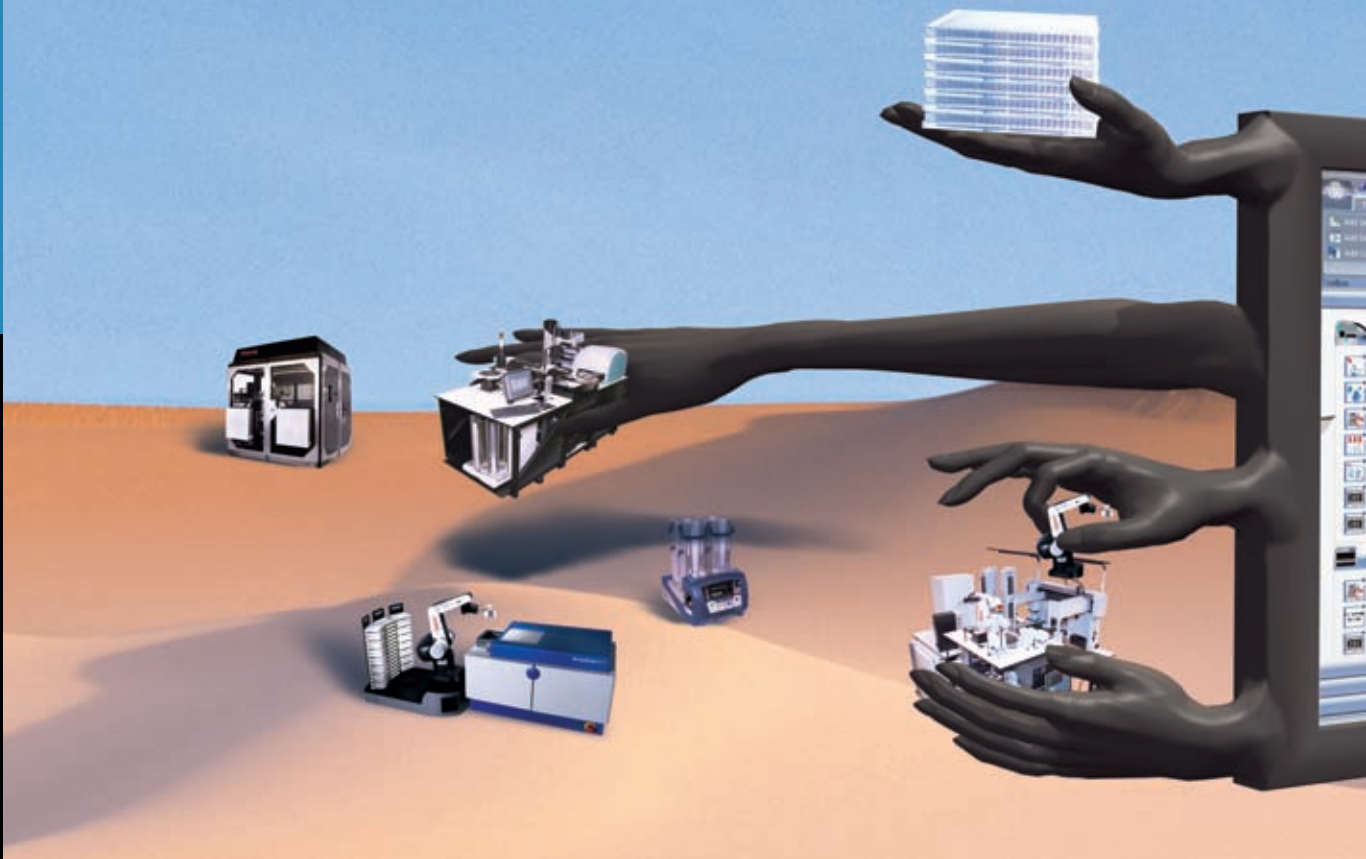


**Thermo Scientific  
Momentum™  
Laboratory Automation  
Workflow Software**



**The truly revolutionary, open solution that manages all your automated laboratory systems, supporting multiple movers and schedulers for advanced, integrated workflow**



### Unequaled Achievement

Thermo Scientific Momentum moves laboratory automation software far forward, attaining whole new levels of power, performance, and ease.

To achieve a comprehensive redesign of all that's gone before, Momentum's designers answered critical questions. How does the user work? Momentum lets users define, execute, and monitor complex processes in a powerful yet easy-to-use visual environment. How open can a system be? Momentum provides control and data integration for any appropriate third-party device. How can lab workflow be radically improved? Momentum's data-centric design delivers simplified integration of data flow upstream and downstream of the process, plus exceptional tracking of samples and results.

Supplied with advanced laboratory systems from Thermo Fisher Scientific, Inc., the software builds on more than 20 years of proven success in system integration and high-throughput lab automation.

Momentum's power, scope, and flexibility make it the last laboratory automation software you will ever need.

### Unparalleled Advantages Advanced Workflow

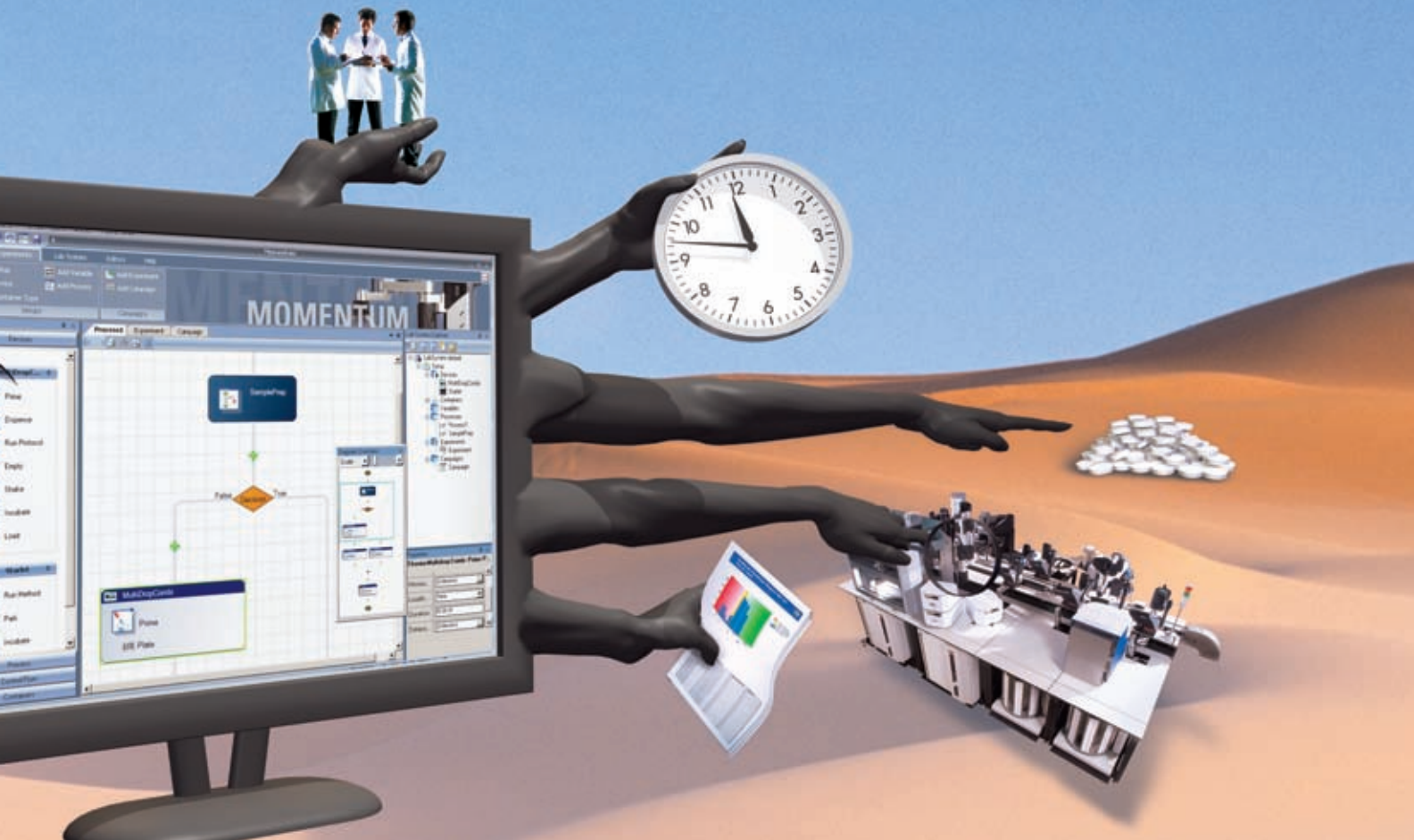
Momentum keeps revolutionizing your laboratory's workflow, day after day. Its unique design is highly adaptive to complex real-time conditions. Momentum's easy-to-use visual environment allows for advanced looping and decision-making, as well as for monitoring multiple workflows and integrating offline processes. Users can define virtually any method.

*Sophisticated decision-making.* Tedious individualized data handling becomes obsolete. With data-tracking, analysis, and reporting at the core of the software, real-time decision-making is finally a reality. The system collects and analyzes information continually, allowing for a multitude of workflows.

*Exceptional sample & inventory management.* Historical, current, and future-state information on dispensing and container contents is integrated smoothly with notification and decision-making.

### Plug-in Architecture

Many scientists prefer specific tools such as those for data analysis and management. Momentum lets you integrate these, while upgrading to the most advanced automation platform on the market. This solution allows for quick and efficient integration of third-party tools. Ask about personalizing your experience.



**Scheduler choice.** Use whatever scheduling technology best solves your particular problem. Plug in a variety of schedulers, including predictive, dynamic, and hybrid models. Working within the environment you specify, Momentum always optimizes your process to the maximum possible extent.

**Instrument hot-swapping & pooling.** Taking instruments online or offline is as easy as a mouse click; forget time-consuming reconfiguration. And our innovative approach allows the researcher to define how and when to pool any instruments.

#### **Open Topology**

Momentum provides the ultimate in connectivity. Open topology has made it easier to integrate and extend your automated system within your workflow.

**Collaborative solutions.** Expand the possibilities of your research across multiple labs, or across the globe. For the first time, you can link together islands of automation (including third-party instruments), integrate offline processes, and synchronize multiple applications. Allow one software platform to streamline your entire enterprise.

**Mover mix.** At best, traditional lab automation software lets users link a few mover technologies. Now, you can mix and match control of conveyors, robotic arms, handlers — any motion control element you want, from any device or vendor.

Momentum takes full advantage of all the latest and most powerful software technology tools, from .NET 3.0 Framework to Windows Presentation Foundation (WPF), ensuring maximum flexibility and exceptional operational longevity.

#### **Unlimited Applications**

*Momentum provides ideal solutions for drug discovery, drug development, and biotechnology, including the following:*

- *Compound management (storage/retrieval) and hit picking*
- *HTS/HCS screening*
- *Closed-loop/secondary screening*
- *Automated cell/tissue culture*
- *Functional genomics and target identification*
- *Replacement/upgrading of existing semiautomatic and fully automated systems*
- *Laboratory workflow management*

**Keep your laboratory systems moving forward. Ask your ThermoFisher Scientific representative about breakthrough Momentum software today.**

## **Thermo Scientific Services**

**We are committed to helping your laboratory achieve success. Our solutions ensure that your automation systems are optimized for accuracy, productivity, and performance. We offer flexible solutions:**

- **Service agreements**
- **Preventative maintenance plans**
- **Software upgrades**
- **Software application support**
- **Technical support**
- **Integration services**
- **Relocation services**
- **Training**

**Contact a Thermo Fisher Scientific representative to tailor the service solution that best meets your needs.**

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