

# Transit

AUTOMATED SAMPLE CONVEYANCE

UTTERLY  
DYNAMIC



HighRes<sup>®</sup>  
biosolutions

# Clever Gateways to Energize Sample Workflows



Manual hand-offs in an otherwise automated workflow can distract from high-value tasks and hinder productivity.

Instead, keep your microplate-based processes and people running at peak efficiency and throughput with fully automated rail-based sample conveyance tools from HighRes Biosolutions.



*If manual hand-offs are unavoidable in an automated workflow, then the workflow isn't truly automated.*



## Radically and Thoroughly Freeing

Automated sample conveyance creates a truly automated workflow by eliminating the need for manual sample transport from one device to another. This method saves time and effort in any application.

Using our automated sample conveyance tools, samples are automatically shuttled between 'islands of automation' and lab personnel are free to focus on high-value tasks.

Our hands-free sample transport methods also help to eliminate sources of variability such as wait times for instrument availability.



DRUG DISCOVERY



GENOMICS ANALYSIS



SAMPLE MANAGEMENT



CELLULAR BIOLOGY



APPLIED TECHNOLOGIES



YOUR AREA OF INTEREST

# Rail-Based Automated Sample Conveyance



## Discover an Advanced Thoroughfare for Throughput

Rail-based sample conveyance systems deliver high capacity and hands-free sample transport in extensive multi-device workflows.

These systems are ideal for labs seeking to further enhance efficiencies in their current robotic workflows.

These systems are also perfectly suited for new labs looking to make an immediate sample processing impact through truly walkaway automation.



## Enliven Productivity with Elevated Capacity

Elevated rails rapidly yet gently shuttle microplates or other ANSI/SLAS compliant labware between dedicated robotic Work Cells.



## An Attractive Method to Quicken the Pace

The rail uses sleek electromagnetic forces instead of clunky mechanics to propel samples. This radically increases sample transit and overall processing speeds.

At the same time, the electromagnetic transport method requires less maintenance and down time compared to mechanical motion control based on moving parts. By doing so, labs save valuable time and money.

## Unreservedly Productive

Closed loop positioning and ID tracking support audit trail documentation while boosting confidence in results. Additionally, the modular design provides for a seamless integration with existing systems or to expand the process at any point in the future.

# Cellario™: Your Control Architect



Cellario is our stellar integration software framework that integrates seamlessly with our automated sample conveyance tools and much more.

As a true automation mastermind, it organizes, schedules, runs, and captures data on multi-device workflows so that you can enjoy confidence in your results.

## Cellario's expansive flexibility is legendary:

- Any assay format
- Any device manufacturer
- Any device or sample location across your laboratory ecosystem
- Any laboratory information management system (LIMS) or other internal software

# Our People Help You Grow



## Peopleware everywhere

The all-encompassing Nucleus experience extends beyond hardware and software. HighRes specialists around the world provide services so splendid and detail-focused that they rival that of the concierge service in the finest establishments.



## Peak Performance

Push past your competition! After the one-year warranty, continue to perform at the top of your game through results-driven service contracts.



## One Call For All

With complete integration of HighRes devices to Cellario, you don't have to manage multiple contracts. Instead, one phone call to our support engineers is all you need.



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