



# Meet the KOLO™ Smart Monitoring System

Premier IoT-enabled solution for data-driven cleaning and maintenance that helps facilities improve hygiene, patron satisfaction and custodial efficiency



Georgia-Pacific



# Patrons and employees are ready to return. Is your facility ready?

## KOLO™ Smart Monitoring System - the premier IoT-enabled solution for data-driven cleaning and maintenance for custodial staff.

Due to the COVID-19 pandemic, patrons and employees are hyperaware of facility cleanliness and maintenance. More than ever, facilities need smarter ways to efficiently provide clean, well-stocked, functioning environments. Internet of Things (IoT) advanced technology helps makes it happen. **With the KOLO™ System, you no longer guess what tasks are needed, you know.**



### Deliver Excellent Experiences.

Proactively manage cleaning tasks, reduce dispenser outages and ensure fixtures are functional **to deliver exceptional patron and employee satisfaction.**



### Improve Efficiency and Gain Cleaning Time.

Guide custodians to perform maintenance only when needed, which can **help minimize touchpoints, reduce waste and free-up time for high-value tasks such as disinfecting.**



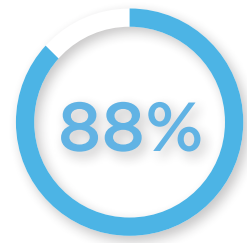
### Demonstrate a Dedication to Hygiene.

Signal your commitment to providing a smarter, healthier and safer facility, which **can help assure guests it is safe to return.**

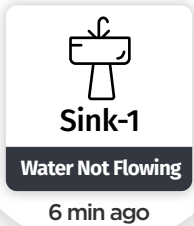


Ideal for All Types of Facilities: Office Buildings, Higher Education Campuses, Transportation Hubs, Healthcare Facilities, Manufacturing Sites, Food Service Chains and Sports, Entertainment and Convention Venues

# KOLO™ Clean - An intuitive mobile app empowers custodial staff



88% of Custodians said **KOLO™ System** has made them more efficient at work\*  
 - Major International Airport



Real-time alerts inform staff to proactively service dispensers/ fixtures and address patron feedback.

## Product Levels and Maintenance Alerts

OVERDUE



Tissue-1

1 Roll Out

2 hrs ago

Unaddressed alerts are escalated to an overdue status.

## Cleaning Task Management

Sanitize and Disinfect  
1h ago

Task alerts help staff manage cleaning, sanitizing and disinfecting routines:

- Auto-assigns task lists
- Logs completed tasks

## Supervisor Insights



Open Alerts

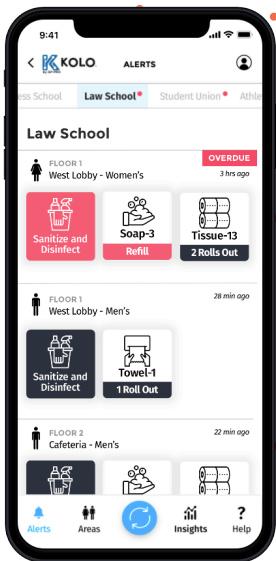
A dashboard provides insights which enable managers to proactively work with staff to improve and celebrate performance. Dashboard includes:

- Drill down into key performance indicators, i.e., open alerts, response times, outages

## Timed Alerts



Time-based reminders inform staff when to change air freshener refills and batteries.



### Key Features:

- iOS and Android compatible
- Push notifications
- Customizable to fit your facility protocols
- Multilingual

\*Research results from a study conducted by 3rd-party on behalf of GP Pro. Study participants were custodial staff. This case study was performed by Georgia-Pacific.



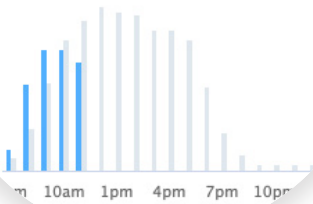
# KOLO™ Central - Providing managers greater visibility and operation insights

What gets measured, gets done.

## Traffic summary

12pm 7AM to 12AM

- current activity
- average activity



Central dashboard provides a comprehensive view of custodial and facility activities.

- Track new, completed and overdue task alerts
- Monitor traffic flow and activity level per room
- Monitor KOLO™ system health to ensure critical components are functional

## Central Dashboard



## Facility Hygiene Readiness Score

Percentage of dispenser uptime today and sanitizing tasks completed

# 90%

+5% FROM YESTERDAY

## Hygiene Dashboard

Hygiene Dashboard helps mitigate risk by monitoring dispenser uptime, cleaning task completion scores and facility-wide trends.

## Reports and Analytics

MEN WOMEN UNISEX

24% 57% 31%

+19% -2% -14%

Waste by Room Type  
Paper Towel

Data aggregation enables managers to garner deeper insights.

- Daily and historical traffic trends by area
- Product consumption and waste trends
- Staff engagement reports
- Executive summary email digest
- Smart inventory reordering
- Unnecessary dispenser checks
- And more

# One-Stop Shop for Connecting Smart Facilities

As an open platform, the KOLO™ System seamlessly connects an ecosystem of partners. Data can be communicated to broader facility management and building automation systems.



**90%**

**90% Reduction in people impacted by towel outages\***

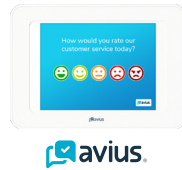
- Chicago Office Building



Paper Towel, Toilet Paper, Soap, and Sanitizer



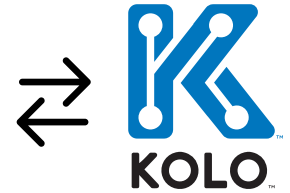
Flush Valves and Faucets



Patron Feedback Surveys

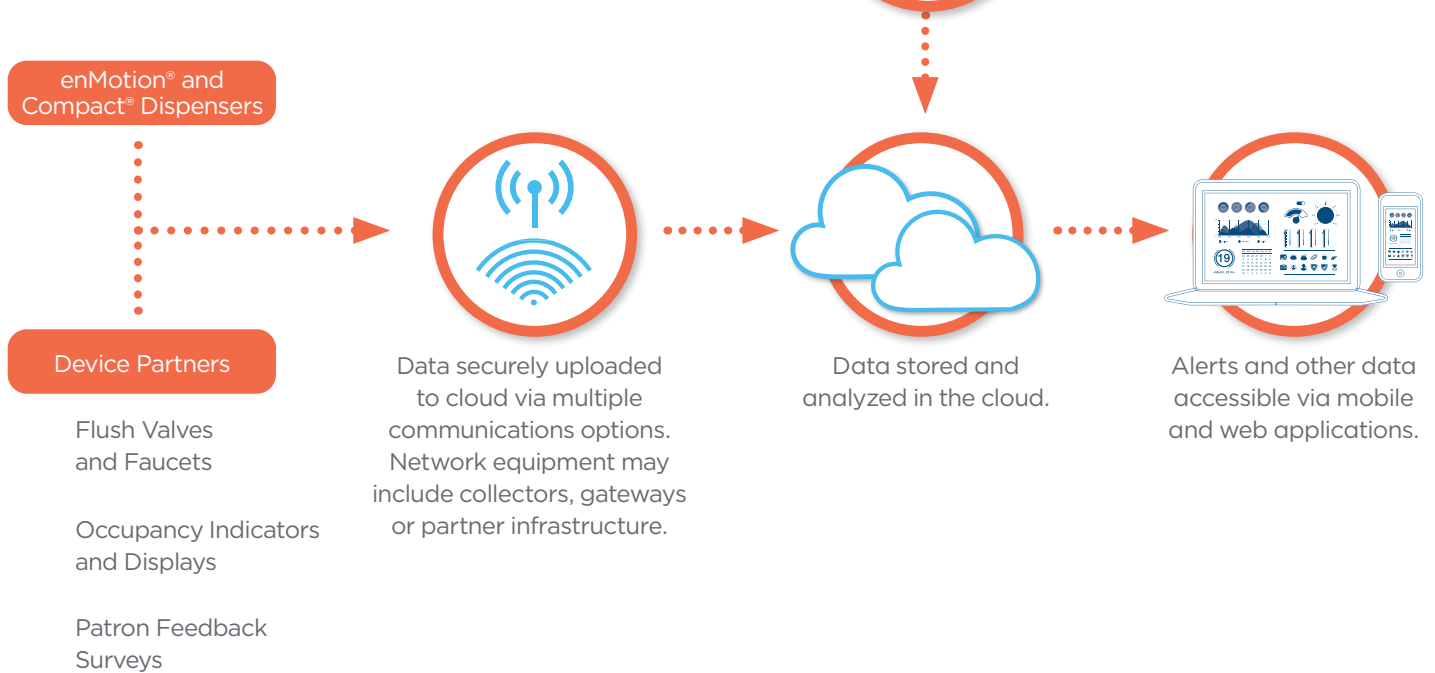


Room/Stall Occupancy Indicators and Displays



KOLO™ Smart Monitoring System

Using advanced network technology and proprietary algorithms, **the KOLO™ system delivers secure data to mobile and web applications.**



\*Person that attempts to dispense paper when towel dispenser is out of product; calculated using the probability a dispenser is out of product and the average towel usage.

# A complete solution makes your choice clear



## Flexible Deployment

KOLO network equipment has multiple power and communication options to minimize wiring and other infrastructure impacts. It works over your Wi-Fi® or through our wide area network, LoRa®, technology.



## Accurate and Reliable

Industry leading technology enables our dispensers to provide “just-in-time” refill alerts which can help reduce waste. enMotion® and Compact® dispensers also deliver reliability. Customers give our brands a 97% satisfaction rating.<sup>1</sup>



## Developer Friendly

Our API (Application Programming Interface) enables seamless integration of KOLO data and alerts into existing building automation and work order management systems.



## Security

The KOLO™ System follows industry standard best practices outlined by the Cloud Security Alliance IoT Secure Controls Framework (CSA IoT SCF).<sup>2</sup>



## Future Proof

Two-way communications enable remote system updates without replacing hardware.



## Award Winning

Honored by CBRE as the winner of the Best Healthy Workplace Solution<sup>3</sup> and recipient of ISSA Innovation Award in the Services and Technology Category.<sup>4</sup>

## A Complete Connected Facility



Restroom



Breakroom



Lobby

<sup>1</sup>GP PRO Proprietary Research: CPT-18-1741 and CBT-19-196

<sup>2</sup>[Tcloudsecurityalliance.org/artifacts/csa-iot-security-controls-framework-v2](https://cloudsecurityalliance.org/artifacts/csa-iot-security-controls-framework-v2)

<sup>3</sup>The KOLO System received CBRE's Best Healthy Workplace Solution Award for 2020.

<sup>4</sup>Services and Technology category of the 2018 ISSA Innovation Awards.



# A Coordinated Suite of KOLO™ Compatible Hygienic Solutions Delivering Performance, Intuitive Design and Elegance



These dispensers are enabled with the KOLO™ Smart Monitoring System SKU.

SKU#	Product Description	Color
59762KB	enMotion® Flex Automated Touchless Paper Towel Dispenser	Black
59766KB	enMotion® Flex Recessed Paper Towel Dispenser	Stainless
59798KB	enMotion® Flex Mini Paper Towel Dispenser	Black
59466AKB	enMotion® 8" Recessed Automated Touchless Paper Towel Dispenser	Stainless
59498AKB	enMotion® Impulse® 8" 1-Roll Automated Touchless Paper Towel Dispenser	Black
59462AKB	enMotion® 10" Automated Touchless Paper Towel Dispenser	Black
59488AKB	enMotion® Impulse® 10" Automated Touchless Paper Towel Dispenser	Black
52057KB	enMotion® Gen2 Automated Touchless Soap & Sanitizer Dispenser	Black
52060KB	enMotion® Gen2 Automated Touchless Soap & Sanitizer Dispenser	Stainless Finish
52065KB	enMotion® Automated Touchless Counter Mount Soap Dispenser	Chrome Finish
56713KB*	Compact Quad® / Vertical Sleds—KOLO™ System-enabled	
56790AKB	Compact® Vertical Double Roll Toilet Paper Dispenser	Black
56782KB	Compact® Vertical Double Roll Toilet Paper Dispenser	Stainless
56744AKB	Compact Quad® Four-Roll Coreless Toilet Paper Dispenser	Black
56748KB	Compact Quad® Four-Roll Coreless Toilet Paper Dispenser	Stainless Finish
56746AKB	Compact Quad® Four-Roll Coreless Toilet Paper Dispenser	Faux Stainless
56796AKB	Compact® Side-by-Side Coreless Toilet Paper Dispenser	Brushed Steel
56784AKB	Compact® Side-by-Side Coreless Toilet Paper Dispenser	Black
60020KB	Compact® Coreless Spindle	Black

\* Order desired dispenser plus the sled (56713KB): 2 for Compact Quad® Four-Roll Coreless Toilet Paper Dispenser  
Available with a one-time, lifetime lease agreement with GP PRO or authorized distributor

Like to learn more about the KOLO™ System?

Contact your local **GP PRO sales professional**, or visit [gppro.com/kolo-smart-monitoring-system](http://gppro.com/kolo-smart-monitoring-system).

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