

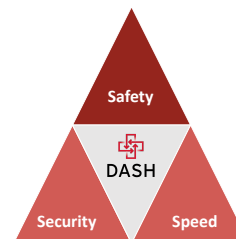
# Designing an Integrated System to Mitigate the Spread of COVID-19 at Critical Facilities

## PROBLEM:

The COVID-19 outbreak has exposed the vulnerable levels of preparedness and capability in businesses across the United States. The spread of infection has caused major disruption to critical operations. Heavy reliance on consumable personal protective equipment (PPE) and surge purchasing has created supply chain issues that put companies and their surrounding communities at risk. A solution is required to mitigate the spread of infection, protect employees, and stabilize critical operations during this epidemic.

## SOLUTION:

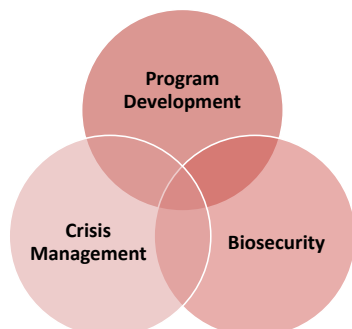
DASH delivers a system solution that helps companies maintain operations during an epidemic crisis. **Our solution incorporates efficient process design, proper equipment use, and effective operational layout** to improve the continuous safety of personnel during times of crisis. DASH manages the integration into existing organizational structures, practices, and procedures. The critical factors that drive our design are **SAFETY, SECURITY, and SPEED**.



	Employees	Operations	Facility/Equipment
Safety	<ul style="list-style-type: none"> <li>Limit exposure of non-infected workers to symptomatic people</li> <li>Safe donning and doffing of PPE</li> <li>Worker triage by symptoms</li> </ul>	<ul style="list-style-type: none"> <li>Quell concerns with employees about at-work transmission</li> <li>Promote public image as a safe employer</li> </ul>	<ul style="list-style-type: none"> <li>Facility and equipment decontamination procedures</li> <li>Improved people flow through the facility to limit transmission</li> </ul>
Security	<ul style="list-style-type: none"> <li>Systems for aseptic ingress/egress of workers</li> <li>Prevention of improper entry (i.e. line cutting)</li> </ul>	<ul style="list-style-type: none"> <li>Strengthen operational resilience during crisis</li> <li>Efficient changes to operating procedures during crisis</li> </ul>	<ul style="list-style-type: none"> <li>Properly manage storage of PPE to minimize waste or loss</li> <li>Efficient distribution of physical security assets to optimize use</li> </ul>
Speed	<ul style="list-style-type: none"> <li>Limit time exposure to other workers</li> <li>Rapid screening to efficiently isolate symptomatic workers</li> </ul>	<ul style="list-style-type: none"> <li>Enables quick response to crisis events (playbook)</li> <li>Enables quick return to normal operations upon crisis all-clear</li> </ul>	<ul style="list-style-type: none"> <li>Proper laydown design of equipment for efficiency of access and storage</li> </ul>

## ABOUT OUR TEAM

**DASH** is a specialized service offering from **Knossos Group Global**. We combine deep expertise in Crisis Management, BioSecurity, and Program Development to deliver a solution that can significantly improve the nation's COVID-19 response.



- Design and manage complex emergency response programs
- Industry leading standards in crisis innovation and emergency management
- Thought leadership specializing in biosecurity
- Mass casualty attacks that mimic the SARS-CoV-2 outbreak
- Designing end-to-end processes that deliver innovative solutions and transform operations

### **Contact Information**

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***Helping businesses maintain continuous operations by protecting their employees and local communities during a crisis.***

**DASH** is a specialized service offering from **Knossos Group Global**. We guide our clients through transformative events and execute transformational programs. Our team has served both commercial and government entities including Fortune 100 global companies, Department of Defense, and innovative technology companies..

**OUR APPROACH:**

- +** We **LISTEN** to understand the uniqueness of your problems and challenges
- +** We **DESIGN** solutions that integrates into your process, facility, organization, and culture
- +** We **IMPLEMENT** solutions together with your team

**DASH LEADERSHIP**



**Sophia Kim:** President of Knossos Group Global. Led global teams to deliver innovative solutions that transform operations and organizational culture to achieve operational excellence. Trusted

advisor for Fortune 100 global companies and the U.S Department of Defense to develop and execute programs that improve operational efficiency. Graduate of the United States Military Academy and a former logistics officer in the United States Army.



**M. Roosevelt Ditlevson:** Expert in Chemical, Biological, Radiological, Nuclear, and Explosive (CBRN-E) mitigation. Served in the United States Navy as an Explosive Ordnance Disposal Officer and

graduated from the Naval School Explosive Ordnance Disposal. Graduate of the United States Naval Academy and a MSc in Innovation and Entrepreneurship from HEC Paris.

**OUR ADVISORS**

**Dr. Patrick Scannon:** Co-founder and CEO of XOMA, an industry leader in the development and manufacturing of monoclonal antibody-based therapeutics. Sits on the advisory board for Stanford Medicine's Biosecurity Department and holds a Ph.D. in organic chemistry from the University of California, Berkeley as well as a M.D. from the Medical College of Georgia.

**Mrs. Gloria Boyland:** Served as Senior Executive and Corporate Vice President of Operations & Service Support at FedEx Corporation until her retirement in January 2020. Led process improvement initiatives, operations technology innovation, service quality improvements, customer experience and new service offerings for FedEx Corporation. Recognized by Stevie Awards, National Black MBA and American Society for Quality.

**Dr. CJ Cowlin:** Globally recognized thought leader in crisis innovation. Currently serving as the director of the Pacific Foreign Materiel Exploitation and Acquisition program for the U.S. Department of Defense. At the forefront of disasters responses, often as the lead U.S. official in charge of innovation response teams including the Tsunami Response Innovation Cell following the Fukushima Daiichi nuclear plant disaster.

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