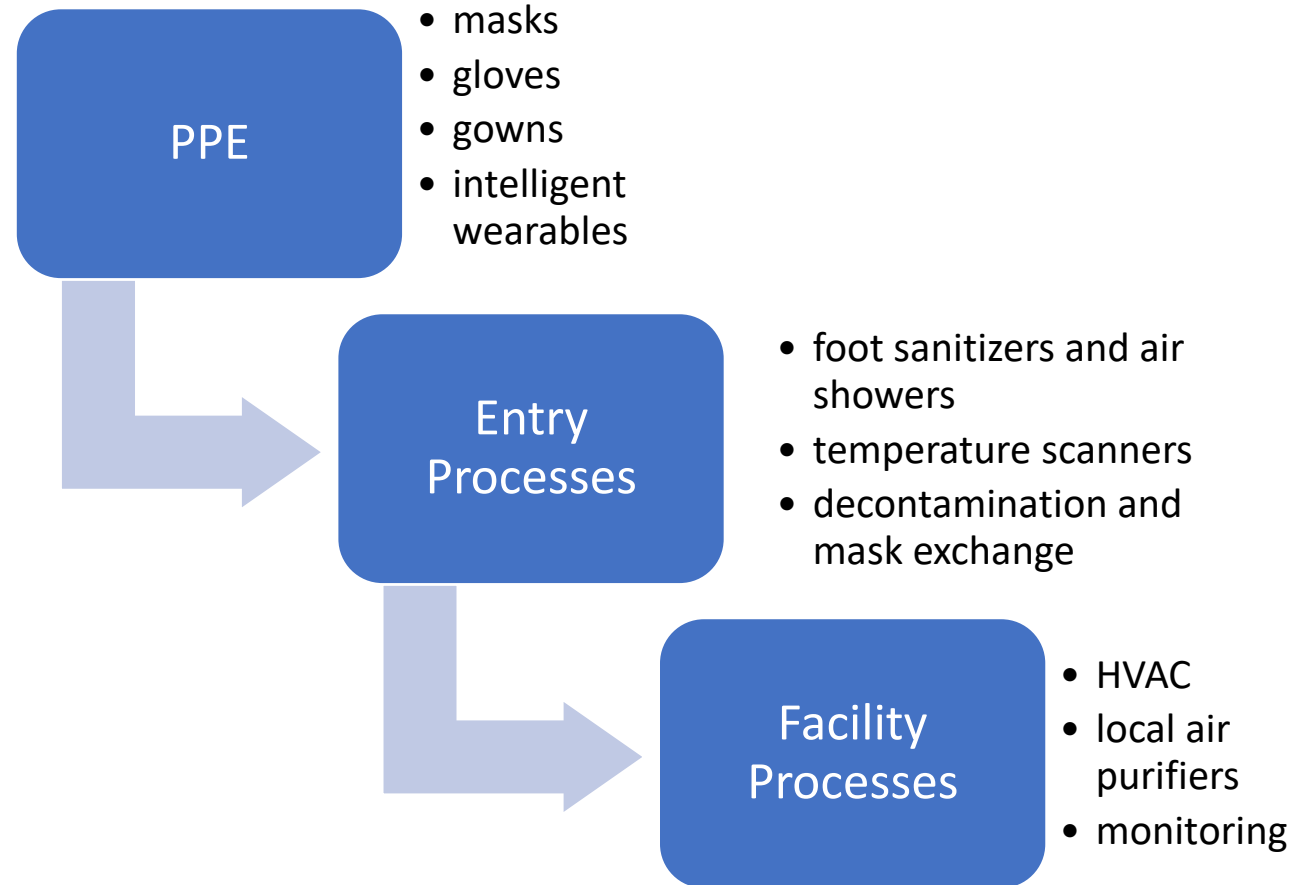


Coronavirus Technology Solutions

Technology Can Provide an Accelerated Recovery from the Coronavirus Pandemic

The road to recovery is paved with Coronavirus Technology Solutions for healthcare, industrial and commercial facilities. New or newly applied products and processes will make us much safer than social distancing.

In terms of air cleanliness the health care industry is where the semiconductor industry was decades ago. It took a lot more than social distancing to improve air cleanliness from the ambient air levels of 500,000 particles per cubic ft down to just 1. By contrast the best hospital operating rooms in the world are achieving 10 particles per cubic ft and most areas of hospitals are closer to the 500,000.



Silobuster Program

There is lots of technology developed for air filtration, air pollution control, occupational health and cleanrooms which can be used immediately.

The problem is that much of the world's most useful technologies are contained in silos. A silobuster program is needed to make this technology available for the COVID -19 battle.

There is new and convincing evidence that a major transmission route is through the air. Aerosols smaller than 5 microns are traveling long distances. This finding obsolesces much of the advice previously given on how to prevent further spread. However, with silo busting by industry, technology, and country there is a safe recovery alternative.



Important Insights for Purchasers, Governments, Consultants, and Suppliers

There is an avalanche of information becoming available on the use of new or newly applied technologies. McIlvaine Company makes information and analysis of these technologies available in a 10-20 page daily Alert. Subscribers receive the latest Alert each day and can then search back through previous issues on the Coronavirus Technology Solutions Website

The website also has links to webinars which McIlvaine is conducting to analyze various products and processes.

The Alerts provide an invaluable resource for those responsible for the safety of people (product purchasers), for governments consultants, and suppliers.

Product Purchasers: Whether it is a hospital waiting room or a meat processing plant there are unique requirements for each application. The Daily Alerts have the latest information on technology which will allow them to make the best choices.

Governments and Consultants: This is a technology forcing situation where rules and regulations need to be revised due to technology developments. The Daily Alerts unveil major new options.

Suppliers: The daily alerts have information on customer requirements, opportunities, and analysis of competitor products. Suppliers also receive lists of prospects and one free recorded interview. Broad forecasts are also supplied with the option for further consulting or packaging this service with others supplied by McIlvaine

April 23 Coronavirus Technology Solutions Alert

Safe and Cost Effective Food Processing in the COVID-19 Era

APC Filtration has New Mask Media

Cummins will Make Respirator Filters At One of its Diesel Filter Plants

AquiSense Launches UV-C LED Surface Disinfection System

Axalta Powder Coatings Kill Viruses in Thirty Minutes

Use the Air Vent Above Each Airline Passenger and Plastic Curtains to Provide Laminar Downward HEPA Filter Air Flow

ExxonMobil has New Filtration Fabric and Mask Design

ExxonMobil is Increasing Isopropyl Alcohol Production and Also Producing Medical Grade Sanitizer

Porvair Filtration Group's Segensworth Division to Supply Fully Assembled Face Shields to the British National Health Service

April 24 Coronavirus Technology Solutions Alert

Safe and Cost Effective Food Processing in the COVID-19 Era

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April 27 Coronavirus Technology Solutions Alert

April 23rd Hospital Masks and Air Filtration Webinar

More Midwest Meat Processors have Coronavirus Outbreaks

Tyson Foods Plant in Washington Closed

A Range of Mask Filter Media and Designs Should be Evaluated

Global Protective Gear has Created an Innovative Fabric and Gown to Help Solve the Current Isolation Gown Shortage

Chinese Meltblown Capacity Far Exceeds That of Europe

CMPC will Manufacture Surgical Masks in Chile, Brazil, Peru and Mexico

Procter & Gamble is Converting Manufacturing Capacity to Produce Face Masks at a Dozen Manufacturing Sites Globally

Zuiko Mask Production Line Can Produce 600 Per Minute

Wisconsin Converters Producing Masks, Wipes and Gowns

Biax-Fiberfilm Corporation has Expanded Meltblown Fabric Production for N95 Masks

Johns Manville Plant in Richland, Mississippi, Started Production of Face Mask Media

Shaoyang Textile Machinery Co Starts Up Sinopec Melt Blown Line on March 29

Reifenhauser Teams with Vietnamese Producer to Make Masks

Meltblown Capacity Insights

WHO Says Viruses May be Aerolized After Deposit on Floors



Alert Search Under Filter

1. [McIlvaine Coronavirus Market Alert](#)

... Face Mask Media Secure Mask Supply Association battles for U.S. Based Supply Capability Superior Filter has Both Melt Blown and Needle Punched Media for Masks SWM supplies Melt Blown Media ...
.html

2. [McIlvaine Coronavirus Market Alert](#)

... McIlvaine Coronavirus Market Alert April 7, 2020 How Effective is the Automobile Cabin Air Filter? Large-Volume Mobile HEPA Air Filtration System Air Filtration near a Coronavirus Patient can Prevent ...

... McIlvaine Coronavirus Market Alert April 8, 2020 HEPA Filters for Ambulances Disinfecting Business and Residential Space HEPA Filters Used With Ventilators in Ambulances Ambulance Modified 4. [McIlvaine Coronavirus Market Alert](#)

... materials to assemble the masks and struggling to meet demand, Cummins will use pre-existing filter technology in partnership with DuPont to help fill the supply void. "Cummins is ...

...

8. [McIlvaine Coronavirus Market Alert](#)

... Washings Repsilon Mask with Nanofibers with Better Breathability Nanofibers Could be the Key Elements for Filter Materials in Face Masks or Respirators. HVAC Systems Transmit Virus _____ Chinese Production ...

... you can minimize cross-contamination by enhancing the level of filtration. Most buildings use low-grade filters that may capture less than 20 percent of viral particles. Most hospitals, though ...

Alert Search Under Decontamination

6. [McIlvaine Coronavirus Market Alert](#)

... _ Coronavirus Mask Reuse Webinar April 2 YouTube Cleanroom, biotechnology, filtration, and decontamination experts discussed ways to design reusable masks and then clean them. Panelists included Wallace ...

... McIlvaine Coronavirus Market Alert April 13, 2020 Michigan State Decontaminates Masks in Oven Battelle continues to Deploy H2O2 Decontamination Systems Cool Clean Uses Dry Cleaning Technique for Decontamination More ...

8. [McIlvaine Coronavirus Market Alert](#)

... with affordability. This is now possible because of new filtration media, testing, decontamination and other technology innovations. It starts with the fact that a washable highly efficient ...

9. [McIlvaine Coronavirus Market Alert](#)

... Hospital Beds Available Oura Rings Can Be Used to Track Potential Virus Transmission Multiple Mask Decontamination Routes Analyzed by Consortium ____ Ventilation and Filtration Important in Buildings to Mitigate the ...

10. [McIlvaine Coronavirus Market Alert](#)

... could be provided with the nanofibers. The immediate mask needs can be met with decontamination procedures. H2O2 cleaning will soon be cleaning hundreds of thousands of masks per day ...