DATAPATH

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EXCELLENCE BY DESIGN

High Performance **Wall Controllers**
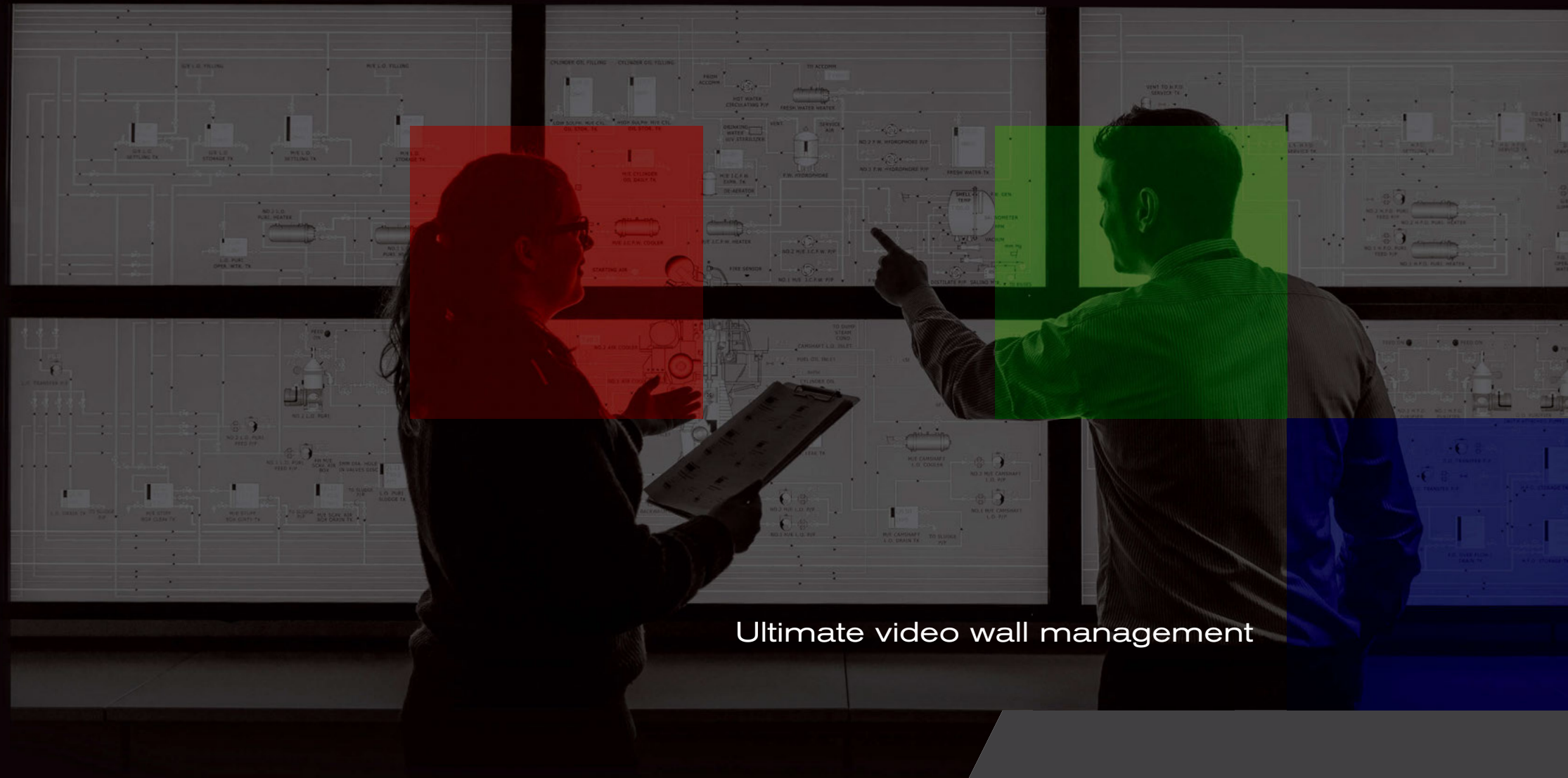
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Ultimate video wall management

Challenging environments demand the **highest performance**

Providing complete AV management over large control rooms. Datapath's portfolio of Video Wall Control Systems offer scalable solutions for a wide range of applications. Supporting projects requiring small, medium or large scale video walls, Datapath systems have been designed for use in environments ranging from Command & Control Rooms, Operating Theatres and Security Suites to Traffic Management Offices, Utility Operations and Military Installations.

Flexible and Scalable

Datapath systems have been developed to operate with the latest generation of Datapath's world leading PCI Express graphics and video capture cards. Each system can be fully customised from a range of Intel performance processors and can accommodate any Datapath or compatible PCIe plug in card.

Features include:

- Complete control of a single Windows desktop
- 4K video capture and display
- IP Camera decode for CCTV applications
- HDCP capture and display

Easily manage multiple video inputs and graphical outputs in a wide range of control and content management applications.

Typical applications for Datapath Wall Controllers include:

- Command & Control Rooms
- Operation Centres
- Security Suites
- Traffic Management Hubs
- Utility Services Operations
- Military Installations
- Operating Theatres
- Boardrooms & Classrooms
- Process Control Services

And many more...
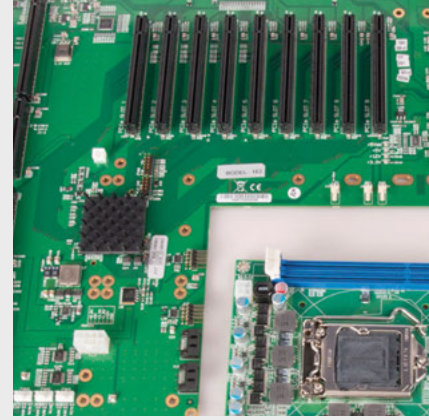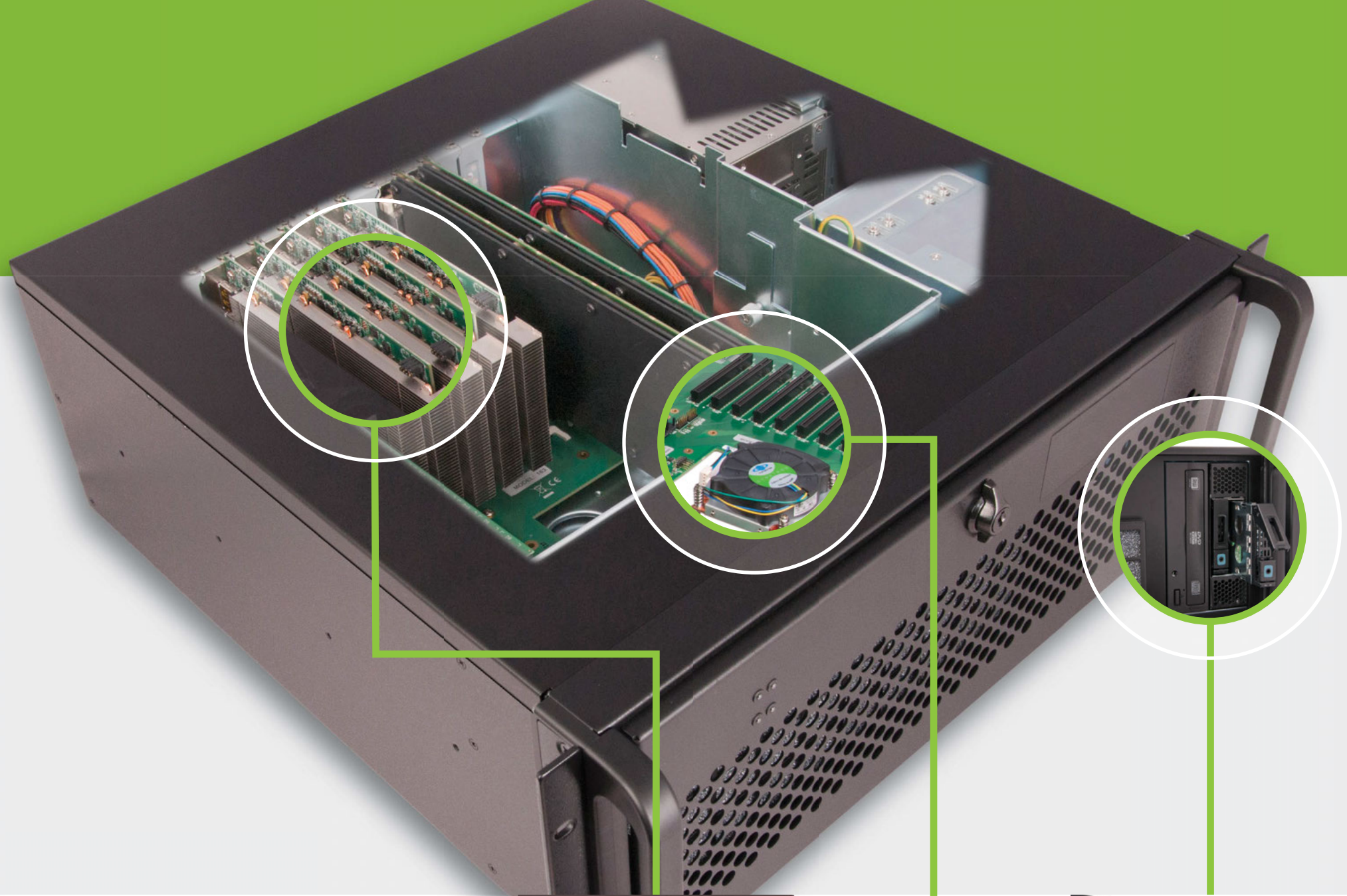
Powerful Wall Controllers

Driven by PCIe Gen 3 technology to allow highest possible bandwidth for video distribution.

Revealing the new power in video capture technology

Datapath's range of PCIe backplanes provide an unprecedented amount of bandwidth. Each PCIe slot can provide up to 8GB/s of video transfer capability.

PCIe technology allows uninterrupted communication between video capture cards and graphics cards, providing high quality video input and output. PCIe backplanes can also be combined to create larger network surfaces allowing for more slots and more video cards.

Highly Flexible

Combine multiple Datapath Vision capture and image graphics cards to meet input / output requirements of the project.
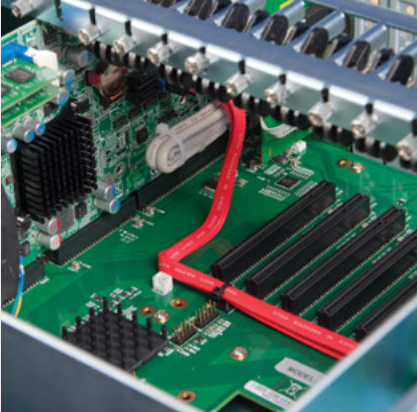
Powerful Processing

Datapath's VSN systems each come with either an Intel i5/ i7 or a server grade Xeon processor offering customers the ability to handle large scale applications without impacting the video wall performance.

Scalable

Increase the number of available slots to drive bigger installations by seamlessly adding expansion units.

Featured control software
for unique wall displays

Each Datapath wall controller is pre-installed with Microsoft Windows 7 Ultimate 64 bit OS, allowing users to create large desktop surfaces to drive applications across the video wall.

Datapath have a range of software applications and tools to help customers deliver their video projects. From drag and drop control applications to dedicated video rendering tools, Datapath ensures that customers are able to easily build and drive large scale video walls.

Datapath Vision Features

When used with Datapath capture cards or graphics cards, the VSN systems offer a range of Vision Performance features:

- MultiStream allows independent control of multiple instances of a single input
- LiveStream provides a low latency solution reducing time between capture and display
- Mode detection technology allows a variety of signal types to be captured automatically