Virtual Production and LED Walls

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Speaker

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Session Overview

• Define Virtual Production
• A Brief History of In-Camera VFX
• Virtual Production in 2020-2021
• LED Wall Demonstration
• Components of an LED Wall
• 2021 and Beyond: What’s Next
What is Virtual Production
What is Virtual Production?

Where the Physical and Digital Worlds Meet
What is Virtual Production?

Combination of real-time animation and physical production.

Caleb Deschanel, ASC on the set of Disney's Lion King virtually operating the camera.
What is Virtual Production?

Fix it in Pre

What you see is what you get
What is Virtual Production?

An agile method of filmmaking leveraging technology
A Brief History of Virtual Production & In-Camera VFX
A Point of Clarification

Examples we look at are large-scale films
Virtual Production in 2020–2021
Virtual Production in 2020–2021

Catalyst One:
The Mandalorian
Virtual Production in 2020-2021

Catalyst Two: The Pandemic
How Virtual Production Addresses the Challenges

Remote Collaboration Sessions
How Virtual Production Addresses the Challenges

Reduced Footprint
Next Up: In-Camera VFX Demo
Next Up:
Components of an LED Wall
Components of an LED Wall

Real-Time Engine
Components of an LED Wall

LED Wall
Components of an LED Wall

Camera/Optics
Components of an LED Wall

Camera Tracking
Components of an LED Wall

DMX Lights
Questions
2021 and Beyond
What’s Next?
2021 and Beyond
What’s Next?

The Genie Isn’t Going Back
Virtual Production and LED Walls

2021 and Beyond
What’s Next?

Streaming Infrastructure is Critical
Virtual Production is Constantly Gaining New Superpowers

2021 and Beyond
What’s Next?
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2021 and Beyond
What’s Next?

Inclusivity
Thank You!
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