

DATATON *ACADEMY*

SETUP

- Network, name addressing and clusters
- Signal outputs and EDID management
- Calculate screen positions
- Geometry correction and edge-blend

PRODUCTION

- Working with timelines and tiers
- Manipulation of live effects
- Color keying, compositions and masking
- Interactivity via wired and wireless devices

DYNAMIC MEDIA AND LIVE FEEDS

- Live video and data capture
- Latency test
- Dynamic update of media via **DYNAMIC IMAGE SERVER**
- Streaming video and HTML5 over standard network protocols

COMMAND & CONTROL

- Timecode
- MIDI and DMX
- Controlling **WATCHOUT** from TCP/IP or Serial RS232, including sensors
- DMX recording

WATCHNET

- Media management, control and interface design

3D & MAPPING

- 3D media
- 3D projection mapping and visualization
- Semi-automatic calibration
- Pixel mapping for LED walls and 3D models

MULTICHANNEL AUDIO

- Mapping of individual channels to multiple outputs

CERTIFIED USER PROGRAM

WATCHPAX AND WATCHMAX

- Performance benchmark testing
- Video encoding and formats, including uncompressed and image sequences
- Frame blending and video speed control
- Sync between multiple units

ENQUIRIES & INFO – academy@dataton.com