

**CONGLETON TOWN COUNCIL**

**COMMITTEE REPORTS AND UPDATES**

<b>COMMITTEE:</b>	<b>Town Hall, Assets &amp; Services Committee Meeting</b>		
<b>MEETING DATE AND TIME</b>	<b>26<sup>th</sup> June 2025 7 pm</b>	<b>LOCATION</b>	<b>Congleton Town Hall</b>
<b>REPORT FROM</b>	<b>Town Hall Manager – Mark Worthington</b>		
<b>AGENDA ITEM</b>	<b>13</b>		
<b>REPORT TITLE</b>	<b>Grand Hall Interactive TV Screen</b>		
<b>Background</b>	<p>To accommodate the need for remote access to meetings, CTC purchased the DTEN Interactive Zoom screen in 2022 at a cost of £7,298.47 + VAT. The associated electric height-adjustable trolley was an additional £768.99 + VAT. The screen is used on a regular basis for CTC staff and Committee meetings, both Zoom meetings and screen sharing facilities, as well as being used by hirers of the Town Hall. The DTEN screen touch screen is 75” in size and features Zoom meeting access, internet facility, and whiteboard facility. While the DTEN is used mainly in the Bridestones Suite, the unit can be moved to the Grand Hall, however, this is not ideal as the screen only just fits into the lift and is an expensive piece of equipment to be moved around.</p> <p>The 75” screen is also at the limits of its capabilities when used in the Grand Hall due to the size of the room.</p>		



### Update

As the use of the DTEN screen in the Grand Hall is increasing, the screen size compared to the size of the room has been highlighted by users. Officers are investigating options for an additional screen for use in the Grand Hall, with a number of options available.

	iiyama 98" PureTouch	Samsung 98" Diagonal Class BED-H Series LED-backlit LCD TV
<b>Cost</b>	£3597.85 + VAT	£2711.58 + VAT
<b>Additional electric height adjustable stand</b>	£1759.65 + VAT	£1759.65 + VAT
<b>Full installation</b>	£500 + VAT	£500 + VAT

	<b>Total</b>	£5,857.50	£4,971.23
	<b>Advantages</b>	<ul style="list-style-type: none"> <li>• 982 diagonal touch screen</li> <li>• 40pt touch screen</li> <li>• Android 11 operaing system</li> <li>• iiyama DMS</li> <li>• NOTE web browser</li> <li>• File manage</li> <li>• Cloud drives</li> <li>• WPS office</li> <li>• Iiyama Share</li> <li>• Wireless connection with Windows/iOS/Android devices</li> <li>• WiFi</li> <li>• Bluetooth Support</li> <li>• Screen share from laptop via HDMI cable or USB c</li> <li>• Moveable around the room with stand</li> </ul>	<ul style="list-style-type: none"> <li>• 98" diagonal screen</li> <li>• Crystal UHD</li> <li>• Smart TV</li> <li>• 4K UHD</li> <li>• Screen share from laptop via HDMI cable</li> <li>• Moveable around the room with stand</li> </ul>
	<b>Disadvantages</b>	<ul style="list-style-type: none"> <li>• Could only be used in rooms on the ground floor due to size</li> </ul>	<ul style="list-style-type: none"> <li>• Could only be used in rooms on the ground floor due to size</li> <li>• Only feature other than as a TV is screen sharing from laptop</li> </ul>

Another option to consider would be a video wall similar to the image taken from New Life Church. A video wall is a display system made of multiple monitors or screens arranged together to create a single, large, seamless display.

- Video walls create a large, immersive display experience.
- Built from multiple individual display units, such as monitors, projectors, or LED panels.
- Video walls can be configured in various arrangements, such as 2x2, 6x4, or even 16x9, and can display different content on individual screens or function as one large display.
- Widely used in diverse settings, including retail stores, command centres, education and conference venues, and more.
- Video walls offer high resolution, flexibility, and scalability, allowing for dynamic content display and engaging presentations.

The screen in the image below is a 3 metres x 1.7 metres LED screen, made up of 18 individual panels, each panel being 1000mm wide x 281mm high. The cost of this screen, including installation and mounting equipment, was £15,950 + VAT. (Price in 2020). Although a video wall would offer the advantages of being much larger than a TV or interactive touch screen, ideally, it would need to be attached to a wall. The obvious location would be behind the stage; however, viewing would then be hindered by people on the stage as well as the curtain, which is currently in place to create storage space. Floor-standing video walls are an option, but would still need to remain in situ once constructed. Indoor LED wall displays come in various sizes and pixel pitches, catering to specific needs in different industries. The lower the pixel pitch the finer the image, but the more costly; so there's a balance to be made between quality and viewing distance. For instance, a 2.5m x 2m LED wall might range approximately between £8,000 to £15,000 for a finer P2 pitch suitable for closer viewing distances (4-6 meters) and £5,000 to £10,000 for a P10 pitch suitable for longer distances (20-30 meters). Similarly, a 3m x 2m display could range approximately from £10,000 to £18,000 for P2 and £6,000 to £12,000 for P10 and follow the same viewer distance.



Image below shows framework which the individual monitors are connected to creating a seamless display.



<b>Financial</b>	To be in accordance with allocated budgets and financial regulations.
<b>Environmental</b>	To assess via the procurement process environmental impact and benefits.

<b>Equality</b>	Where applicable in the procurement of services, this is taken into consideration.
<b>Decision Request</b>	To receive the report relating to the Grand Hall Interactive/TV screen and propose an option and cost for Officers to investigate further.