Digital in a rural parish

Digital Labs + Hereford Diocese

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Connection

- Connecting with your community **is more important** than a polished live service

- **We are all fatigued!** Could this be an opportunity to do something different online?

- Many churches are **moving back to Zoom** services – KXC, Hillsong Berlin, amongst others

- **Creativity doesn't need lots of equipment!** New voices, different location, interactive elements
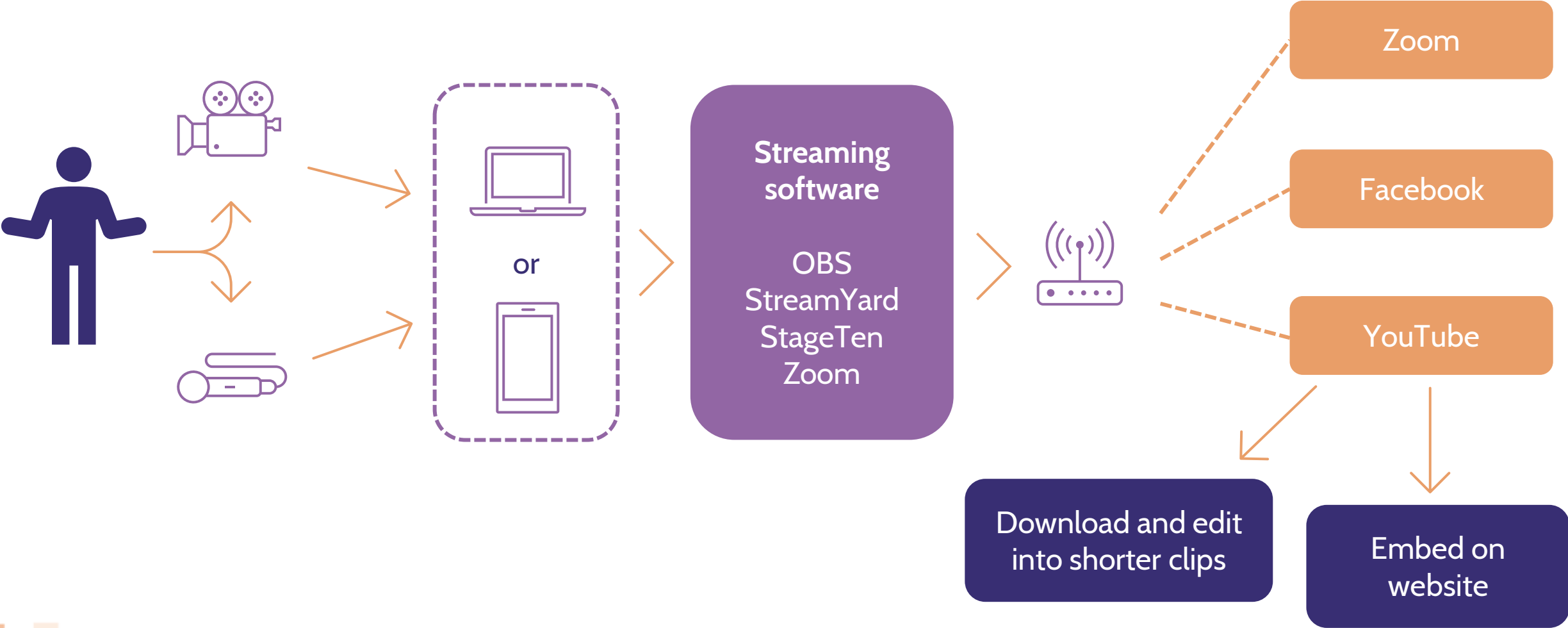
ASK

What's your experience of our online services?
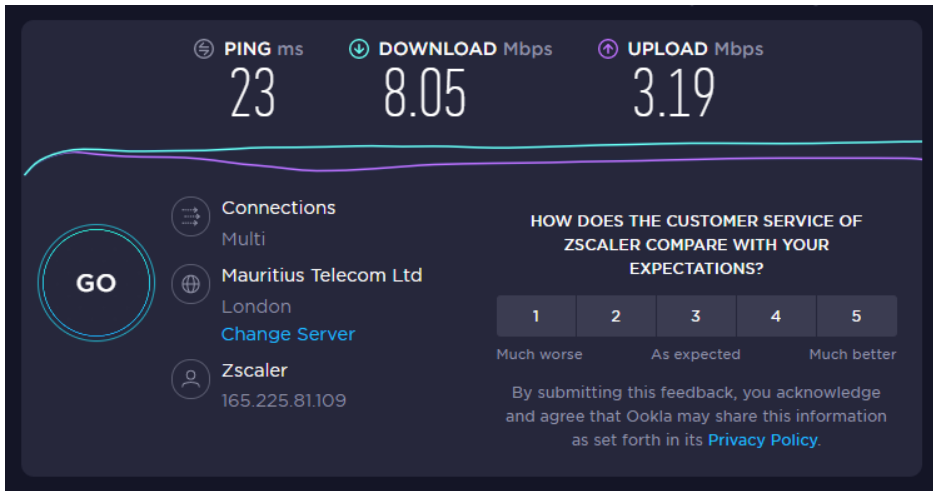
What can we do better?

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Livestream set up

Streaming software

OBS
StreamYard
StageTen
Zoom

Zoom

Facebook

YouTube

Download and edit into shorter clips

Embed on website

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Check your connection

Internet: Speedtest.net

Mobile signal: Signalchecker.co.uk

RM2 6DD Mobile Signal Result

		Voice	3G	4G	5G	
Three	Indoor	✓	✓	✓	5G AREA	See Coverage Map
	Outdoor	✓	✓	✓		
O2	Indoor	✓	✓	✓	✗	See Coverage Map
	Outdoor	✓	✓	✓		
EE	Indoor	✓	✓	✓	5G AREA	See Coverage Map
	Outdoor	✓	✓	✓		
Vodafone	Indoor	✓	✓	✓	✗	See Coverage Map
	Outdoor	✓	✓	✓		

✓ Good coverage ○ You may experience problems ✗ No coverage 5G AREA Some 5G availability

👉 **Upload speed matters most for live streaming**

1mbps = 1000kbps

Facebook Live recommends a max bitrate of 4,000 kbps
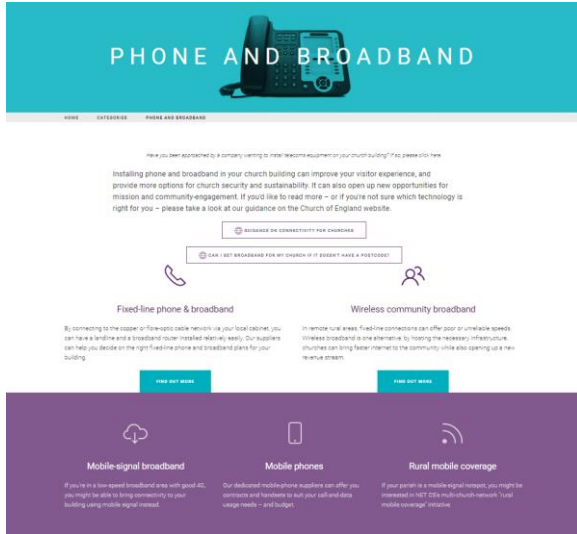YouTube Live recommends a range between 1,500

Read more here:
https://restream.io/blog/what-is-a-good-upload-speed-for-streaming/

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Connection solutions

Installation – Parish Buying

- Broadband solutions
- Slow internet connection
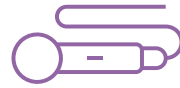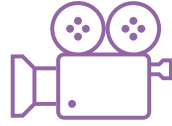- Rural parish support
- What to do if you don't have a postcode

https://www.parishbuying.org.uk/index.php/categories/phone-and-broadband

Quick solution

If you have 4G coverage, and want a temporary solution, USB data dongle may be for you.

https://www.broadbandchoices.co.uk/guides/mobile-broadband/dongles

Unable to solve internet issues? Pre-record and use Premiere feature on Facebook and YouTube

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Equipment

Equipment recommendations and suppliers:
https://www.parishbuying.org.uk/categories/audio-visual-equipment

Grants:
https://www.allchurches.co.uk/what-we-fund/hopebeyond/

Live stream set-up guide:
https://www.churchofengland.org/resources/digital-labs/blogs/guide-getting-started-live-streaming

Audio set-up guide:
https://www.churchofengland.org/resources/digital-labs/blogs/how-improve-audio-quality-video-recordings

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Streaming software
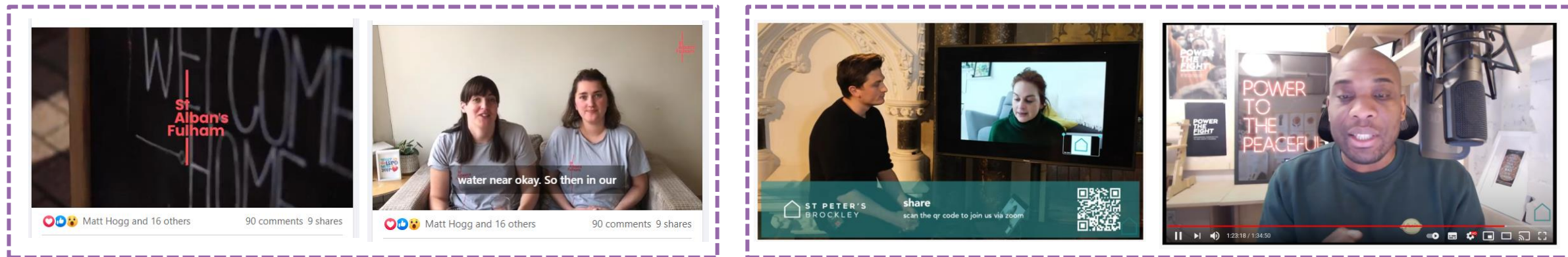
- Use software to add text overlay, multiple speakers and live and pre-recorded video into your live-stream

- Stream from one place to multiple platforms at the same time

- Creates a visually streamlined experience

- *can be used to record a service which is published afterwards*

- **Free software** – OBS (more complex)

- **Paid software** – Zoom, Streamyard, Stage Ten, Ecamm (all have basic free options)

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Zoom tips for audio and video

💡 Touch up my appearance and adjust for low-light

Settings > Video > Tick touch up appearance / Adjust for low-light – Use

slider to increase / decrease

🔊 Suppress background noise

Settings > Audio > Suppress background noise

🎵 High Fidelity music mode

Settings > Audio > Tick 'Show in-meeting option…' > Tick 'High Fidelity

Music Mode'

More tips here: https://blog.zoom.us/zoom-pro-tips-3-ways-to-create-the-audio-visual-experience-you-want/

Camera

Microsoft Camera Front

☐ Original ratio   ☑ HD

My Video

☐ Mirror my video

☑ Touch up my appearance

☑ Adjust for low light   Auto

☑ Automatically adjust microphone volume

Suppress background noise Learn more

⦿ Auto

◯ Low (faint background noises)

◯ Medium (computer fan, pen taps)

◯ High (typing, dog barks)

Music and Professional Audio

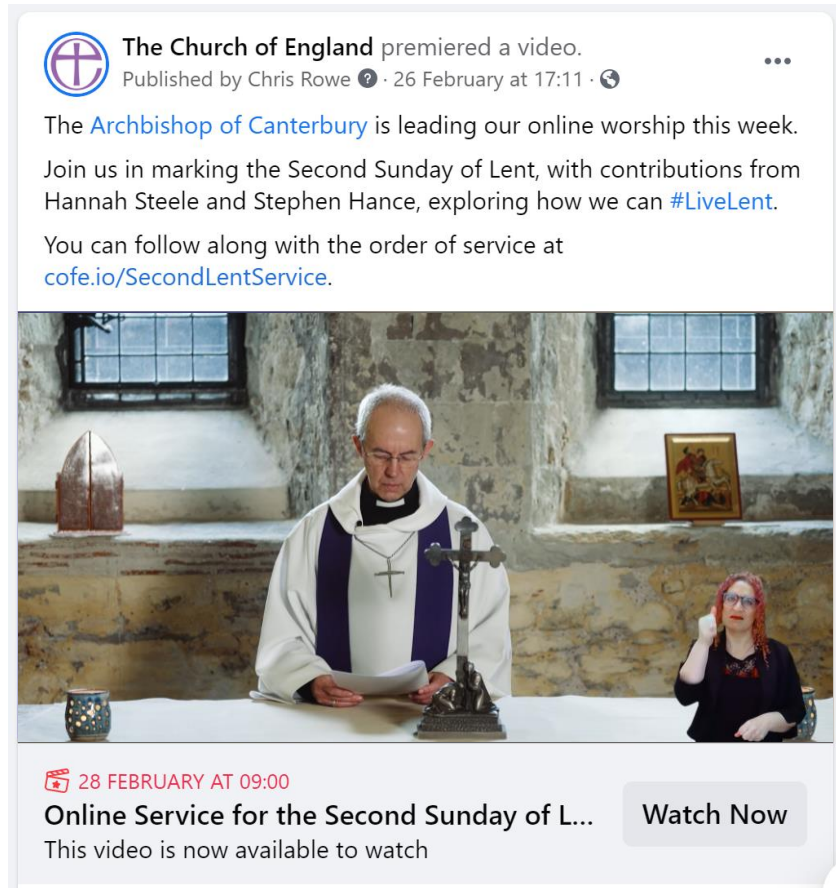☑ Show in-meeting option to "Turn On Original Sound" ?

When original sound is enabled

☐ Disable echo cancellation ?

☑ High fidelity music mode ?

☐ Use stereo audio ?

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When you can't live-stream...

The Church of England premiered a video.
Published by Chris Rowe ⓘ · 26 February at 17:11 · 🌐

The Archbishop of Canterbury is leading our online worship this week.

Join us in marking the Second Sunday of Lent, with contributions from Hannah Steele and Stephen Hance, exploring how we can #LiveLent.

You can follow along with the order of service at cofe.io/SecondLentService.

🎬 28 FEBRUARY AT 09:00

Online Service for the Second Sunday of L...   Watch Now
This video is now available to watch

Premiere on YouTube and Facebook

Upload a pre-recorded video and schedule using Premiere so that it is announced in the same way as a live-stream.

Learn more here: https://www.churchofengland.org/resources/digital-labs/blogs/cant-live-stream-your-service-or-event-schedule-premiere-reach-more

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Licences for live-streaming music

Zoom	Social media	Website	Music from the Resource Hub
Public events: PRS limited online music licence **Private gatherings:** No licence required i.e prayer meeting, small group	**Streaming to Facebook, Twitter, YouTube or Instagram:** Licence required such as CCLI streaming licence or One Licence	**Video directly uploaded to the website:** PRS limited online music licence **Embedding video from YouTube:** Licence required such as per social media	CCLI streaming licence and credit as per the agreement on the Resource Hub

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Blogs   Webinars   Newsletter   Conference

Discover the free resources for churches

www.churchofengland.org/resources/church-england-digital-labs