APPENDIX

TYPES OF A/V EQUIPMENT FOR INSTALLATION IN A CHURCH

The technology used in churches will vary. The type of AV technology chosen for a particular church will depend on the church environment. That includes the size and shape of the church and the lines of sight so that all the congregation are able to clearly see the altar at the same time as the "screen" from anywhere within the church.

The type of display chosen - Data Projector or TV screens - needs to enhance the liturgy rather than to detract from it.

CONSIDERATIONS

- The size and shape of the church
- Lines of sight so that screens can be from anywhere within the church
- Budget

CHOICE

- Data Projector or TV Screens

A: DATA PROJECTOR

Pros
- Flexibility regarding location
- Excellent in small churches
- Cheaper Installation

Cons
- Unsuitable for church with high or pitched ceilings
- Regular servicing required: Cleaning/changing lamps/cost
- Overheating possible
- Cost of screens

B: TV SCREENS

Pros
- Little or no maintenance required.
- Cost of TV screens has decreased substantially

Cons
- Larger churches may require two screens
- Extra cost.
- Reflection of bright light or sunlight - but can be reduced with filters.
- Less data per screen
DISTRIBUTION OF VISUAL SIGNAL

The industry standard for Data Projector or TV Screen is HDMI Output.

- This is mainly technical, but consideration must be given to the data feed, as older systems will have VGA or SVideo outputs. Modern laptops do not have these outputs, but HDMI. Purchase of an incorrect computer may be an expensive mistake.

CONNECTIVITY

- Safer option is to seek professional advice.

CONCLUSION

Systems can be and should be designed to suit individual church needs and budgets. It is important to seek advice from a reputable systems installer prior to embarking upon the purchase of a system.