

IT Capital Investment Proposal

- Monitor Refresh & Shelf Stock

Makerspace Monitor Refresh & Shelf Stock Proposal

Objective: Refresh aging monitor stock across Makersmiths locations

Current Challenges:

- **Aging Systems:** At least 3 monitors sites are causing issues on a regular basis, resulting in regular IT support requests to investigate. At least three others are likely failing soon.
- **Video output cable variety:** Many of our monitors are donations that use a variety of video cable types (VGA, DVI-D, DisplayPort, HDMI), making swaps difficult due to a lack of cables of proper length or mismatched compatibility with desktops.

Recommended - Solution #1 - Full replacement

- Standardize all Makersmiths monitors. Higher initial investment, reduced IT burden as all monitors are refreshed. Reduced likelihood of short/medium term failures. Purchase 15 new monitors to replace failing and aged monitors across both sites, keep some as shelf spares. [Amazon Basics 23"](#)
- Specs:
 - 23.8"
 - 120Hz
 - HDMI, DP, VGA Video Input
- **Estimated Cost:** $\$80.99 \times 15 = \$1,214.85$

Alternative - Solution #2 - Targeted refresh

- Purchase 8 new monitors to replace failing and aged monitors, keep some as shelf spares. [Amazon Basics 23"](#)
- Immediate replacement candidates:
 - Big Red
 - Purcellville Green Room x2
 - UV Printer
 - Leesburg Laser Cutter
- Specs:
 - 23.8"
 - 120Hz
 - HDMI, DP, VGA Video Input
- **Estimated Cost:** $\$80.99 \times 8 = \647.92