

BOS VIDEO STACK INSTALL PLAN (ONE PAGE)

Objective

Deploy a high-quality animation/video tool stack for BOS content that is production-ready for banker, governmental, and executive audiences.

Top 5 Integrations (Video-Quality Focused)

- 1) Runway (Primary Creative Engine)
 - Use for high-end AI video generation, motion treatment, and executive-style visual polish.
 - Best fit: cinematic/executive overview sequences and stylized scene generation.
- 2) Kling (Secondary Creative Engine)
 - Use for realistic motion generation and alternative visual styles.
 - Best fit: facility walk-through style visuals and backup render path.
- 3) Replicate (Model Flexibility Layer)
 - Use for model diversity and rapid fallback across image/video model families.
 - Best fit: rapid experimentation, redundancy, and scaling alternatives.
- 4) FFmpeg Media Pipeline (Production Backbone)
 - Use for timeline assembly, overlays, subtitles, voice sync, transitions, and exports.
 - Best fit: deterministic output control and final render reliability.
- 5) ElevenLabs + Whisper Stack (Audio/Narration Layer)
 - Use ElevenLabs for premium voiceover and Whisper for speech-to-text alignment.
 - Best fit: polished narration quality, section timing, and transcript-backed edits.

Recommended Install Order

1. FFmpeg pipeline foundation
2. ElevenLabs + Whisper audio layer
3. Runway primary creative
4. Kling secondary creative
5. Replicate fallback/scale layer

Why This Stack Works

- High-end visual generation capability
- Strong executive-grade voice quality
- Reliable post-production control
- Multi-provider redundancy for uptime and speed

Expected Outcomes

- Faster BOS video turnaround
- Better consistency across visual and voice styles
- Clear upgrade path from quick draft to institutional-grade final
- Reduced single-provider risk during heavy production periods

Implementation Note

Use one standard output profile for all leadership-facing content:

- 16:9 master format
- executive title framework
- KPI/ROI callout template
- banker/government narration style presets