MWRASP DARPA SOLO VIDEO PRODUCTION BIBLE

THE ACTUAL EXECUTABLE BATTLE PLAN

"One Operator, One Camera, One Shot at Glory"

PROJECT REALITY CHECK
OPERATOR: Solo (You)
BUDGET: $8,500 total
RUNTIME: 7:00.00 exactly (not 7:00.01)
PRODUCTION TIME: 14 days solo executable
EQUIPMENT: What you actually have + minimal rentals
CREW: You + maybe one friend for 2 days

DIRECTOR'S NOTE: After 20 years making things look expensive on no budget, here's the truth - DARPA doesn't care about your production value. They care about your solution. This bible shows you how to nail both with what you actually have.

PART I: THE SOLO OPERATOR'S REALITY

WHAT WINS vs WHAT WASTES TIME

WHAT ACTUALLY WINS DARPA PITCHES:

1. You looking them in the eye saying "I solved this"
2. Real demonstrations that actually work
3. Clear problem → solution → proof progression
4. Authentic expertise (not actors pretending)
5. Actual data, actual tests, actual results

WHAT WASTES YOUR TIME:

1. Complex VFX you'll never finish
2. Actors who don't understand the tech
3. Multiple locations and setups
4. Expensive equipment that doesn't matter
5. Anything that delays your submission

YOUR ACTUAL ARSENAL

EQUIPMENT YOU NEED (Total: $8,500)

CAMERA SETUP ($2,500):

- Your existing DSLR/Mirrorless (FREE - you have this)
- One good lens: 24-70mm f/2.8 ($300 rental for 2 weeks)
- Tripod: Manfrotto 055 with fluid head ($50 rental)
- ND filters for window shots ($40 rental)
- Extra batteries and cards ($60 purchase)
- Backup: Your iPhone 14/15 Pro (FREE - you have this)

LIGHTING ($400):

- 2x Aputure AL-M9 LED panels ($200 purchase)
- 1x 5-in-1 reflector ($50 purchase)
- 1x Ring light for screen recording face shots ($100 purchase)
- Window natural light (FREE - position yourself correctly)
- Practical lights you already have ($50 for bulbs)

AUDIO ($600):

- Rode VideoMic Pro+ ($250 purchase - you'll use this forever)
- Zoom H4n recorder ($150 purchase - backup and room tone)
- Rode SmartLav+ for phone backup ($80 purchase)
- Acoustic blankets for your space ($120 purchase)

SOFTWARE ($500):

- DaVinci Resolve Studio ($295 - one-time purchase)
- Motion graphics templates ($100 - Envato Elements)
- Stock footage subscription ($105 - one month Artgrid)

ACTUAL PRODUCTION COSTS ($4,500):

- Hard drives: 2x 4TB ($300)
- Location (your office/home): FREE
- One professional backdrop ($150)

- Teleprompter app for iPad ($20)
- Coffee and food for 14 days ($200)
- Emergency fund for things that break ($500)
- Actual server time for demos ($500)
- Props (documents, screens, etc.) ($150)
- One day assistant ($200)
- DARPA submission costs ($180)
- Music license (Epidemic Sound) ($15/month)
- Color calibration tool rental ($50)
- Insurance for equipment ($100)
- Miscellaneous ($2,135)

PART II: THE ACTUAL SHOOTING SCRIPT

COLD OPEN: THE HOOK THAT WORKS

[00:00:00 - 00:15:00] | 15 seconds | 3 Shots

SHOT 1 [00:00:00 - 00:00:02]
BLACK SCREEN WITH TEXT
Setup Time: 5 minutes
Complexity: Zero

EXECUTION:

- Literal black frame in Resolve
- White text appears: "November 15, 2024"
- No fancy fonts - Arial Bold works

WHY THIS WORKS: Starting in black creates immediate tension. Date stamp grounds us in reality.

SHOT 2 [00:00:02 - 00:00:08]
YOU, DIRECT TO CAMERA
Setup Time: 30 minutes
Equipment: Your camera on tripod

YOUR EXACT POSITION:

- Sit 4 feet from camera
- Lens at eye level (stack books if needed)
- Window light from left at 45 degrees
- Background: Your actual workspace (authentic)

YOUR EXACT WORDS: "Right now, Chinese quantum computers are harvesting every encrypted file the DoD transmits. Banking on decrypting them by 2030."

PERFORMANCE NOTE:

- Look directly into lens
- Speak like briefing a general
- No smile, this is serious
- Natural, not memorized

LIGHTING SETUP:

```
Window
  ↓
[YOU] ← Camera
  ↑
Reflector
```

SHOT 3 [00:00:08 - 00:00:15]
SCREEN RECORDING: ACTUAL QUANTUM COMPUTER PROGRESS
Setup Time: 1 hour prep
Software: OBS Studio (free)

EXACT SCREEN CONTENT:

- IBM Quantum Network dashboard (you have access)
- Show progression: 127 qubits (Eagle) → 433 (Osprey) → 1,121 (Condor)
- Your mouse highlighting the exponential growth
- Add simple annotation: "2030: Cryptographically Relevant"

TECHNICAL EXECUTION:

1. Set OBS to record at 1920x1080 60fps
2. Use Display Capture (not Window)
3. Add mouse highlight effect (OBS plugin)
4. Record multiple takes, use best one
5. Speed up 2x in post if needed

NARRATION (RECORD SEPARATELY): "IBM went from 127 qubits to over 1,000 in two years. At this rate, they'll break RSA-2048 by 2030. China's not publishing their numbers."

ACT I: PROBLEM DEFINITION

[00:15:00 - 01:30:00] | 75 seconds | 8 Shots

SHOT 4 [00:15:00 - 00:25:00]
YOU WITH WHITEBOARD
Setup Time: 45 minutes
Equipment: Camera on tripod, you standing

WHITEBOARD CONTENT (PRE-DRAWN):

```
CURRENT "SOLUTIONS"          FATAL FLAWS
_____________________________________________

Post-Quantum Crypto    →    New algorithms = New vulnerabilities
QKD                    →    $10M per link
AI Detection           →    Can't detect what it hasn't seen
Traditional Encryption →    Already dead
```

YOUR BLOCKING:

- Start center frame
- Step to board, point to each failure
- Use red marker for X's through each
- End facing camera: "Nothing deployed today can detect a quantum attack"

LIGHTING:

- Kill overhead fluorescents (too harsh)
- Window light + LED panel for fill
- Make sure board is readable (no glare)

SHOT 5 [00:25:00 - 00:35:00]
SCREEN RECORDING: FAILED DETECTION DEMO
Setup Time: 2 hours to set up demo

WHAT YOU'RE SHOWING:

- Split screen: Normal traffic (left) vs Quantum attack (right)
- Your actual detection systems (Splunk, whatever you use)
- Both showing "NO THREAT DETECTED"
- You add red overlay: "QUANTUM SIGNATURE MISSED"

HOW TO CAPTURE:

```python
# Your actual demo script
def simulate_quantum_attack():
    normal_traffic = generate_normal_packets()
    quantum_traffic = generate_quantum_signature()

    # Show both in your SIEM
    display_side_by_side(normal_traffic, quantum_traffic)

    # Both register as "NORMAL"
    show_detection_failure()
```

SHOT 6 [00:35:00 - 00:45:00]
YOU WITH ACTUAL EVIDENCE
Setup Time: 20 minutes
Props: Printed papers, tablet with data

EXECUTION:

- Hold up actual report (even if redacted)
- Show tablet with real quantum progress charts
- Point to specific concerning data points

YOUR EXACT WORDS: "This is from last month's quantum threat assessment. We're already seeing indicators of harvest operations. Here's the terrifying part - we can't detect them."

SHOT 7-11 [00:45:00 - 01:15:00]
RAPID MONTAGE: THE HARVEST
Setup Time: 2 hours total
Technique: Your iPhone + quick setups

SHOT LIST (5 seconds each):

- SHOT 7: Close-up of ethernet cables (massive data flow)
- SHOT 8: Your screen showing "147 EXABYTES INTERCEPTED"
- SHOT 9: World map with red dots (China, Russia, Iran)
- SHOT 10: Calendar pages flipping to 2030
- SHOT 11: "DECRYPT" button being clicked

iPHONE SHOOTING TIPS:

- Use 4K 24fps (cinematic mode off)
- Lock exposure and focus (hold tap)
- Stabilize against objects
- Get CLOSE for impact

SHOT 12 [01:15:00 - 01:30:00]
YOU: THE STAKES
Setup Time: 10 minutes
Emotion: Controlled urgency

BLOCKING:

- Closer to camera now (3 feet)
- Lean forward slightly (engagement)
- Direct eye contact throughout

YOUR EXACT WORDS: "Every classified document. Every weapon design. Every operational plan. They're storing it all, waiting for the quantum key that's coming. Unless we detect and stop them first."

ACT II: MWRASP SOLUTION REVEAL

[01:30:00 - 03:30:00] | 120 seconds | 12 Shots

SHOT 13 [01:30:00 - 01:45:00]
YOU: THE REVELATION
Setup Time: 10 minutes
Energy: Shift to confidence

POSITION CHANGE:

- Stand up (power position)
- Slight smile (we have the answer)
- Gesture naturally

YOUR EXACT WORDS: "MWRASP is the world's first system that detects quantum computers attacking in real-time. Let me show you exactly how."

SHOT 14 [01:45:00 - 02:15:00]
SCREEN RECORDING: LIVE MWRASP DEMO
Setup Time: 4 hours to perfect demo
Critical: This must actually work

DEMO SEQUENCE:

1. [01:45] Your MWRASP dashboard (real, not mockup)
2. [01:50] Deploy quantum canaries (show actual deployment)
3. [01:55] Initiate simulated quantum attack
4. [02:00] Canary 1 breaks (RSA-512)
5. [02:02] Canary 2 breaks (RSA-1024)
6. [02:04] Canary 3 holds (RSA-2048)
7. [02:06] "QUANTUM SIGNATURE DETECTED" alert
8. [02:08] Detection time: 0.3ms displayed
9. [02:10] Temporal fragmentation activates
10. [02:12] Attack blocked
11. [02:14] System returns to normal

SCREEN RECORDING SETUP:

- Clean desktop (hide everything else)
- Terminal in top left
- Dashboard center

- Metrics bottom right
- Use consistent color scheme

NARRATION TO RECORD: "Watch this. I'm deploying canaries at different encryption strengths. Now I'm initiating a quantum attack simulation. See how weak encryption breaks first? That pattern - that's a quantum fingerprint. Detection in 0.3 milliseconds. Now watch temporal fragmentation activate."

SHOT 15 [02:15:00 - 02:30:00]
PHYSICAL DEMONSTRATION: TEMPORAL FRAGMENTATION
Setup Time: 1 hour
Props: Printed document, scissors, timer

WHAT YOU DO:

- Hold up document: "This is classified data"
- Cut it into 5 pieces while explaining
- Place pieces at different spots on desk
- Start timer: "Each fragment expires in 100ms"
- Try to collect them (timer goes off)
- "Too late. Data's gone."

WHY THIS WORKS: Physical demonstrations stick in memory. Simple is powerful.

SHOT 16 [02:30:00 - 02:45:00]
SCREEN: AI SWARM VISUALIZATION
Setup Time: 2 hours in After Effects
Technique: Simple but effective

WHAT TO CREATE:

- Simple dots representing agents
- Lines showing communication
- When attack happens, they coordinate
- 30% turn red (Byzantine), system still works

AFTER EFFECTS APPROACH:

1. Create 100 small circles
2. Use Plexus plugin for connections ($100)
3. Animate with expressions
4. Export at 4K, downsample to 1080p

SHOT 17 [02:45:00 - 03:00:00]
YOU: INTEGRATION EXPLANATION
Setup Time: 10 minutes
Props: Your laptop showing system

BLOCKING:

- Laptop in frame showing MWRASP
- You gesture to actual system working
- Point to specific components

YOUR EXACT WORDS: "All three systems work together. Quantum detection in milliseconds. Temporal fragmentation making data uncollectable. AI swarm coordinating defense. This isn't theoretical - it's running right now."

SHOT 18 [03:00:00 - 03:30:00]
SCREEN + YOU: PERFORMANCE METRICS
Setup Time: 1 hour
Technique: Picture-in-picture

SCREEN CONTENT:

- Real benchmark results
- Detection: 0.3ms (highlighted)
- Block rate: 95% (emphasized)
- Throughput: 10,000 TPS (shown)

YOU (small box, bottom right): "These aren't projections. This is last week's test data against IBM's quantum simulator. Ninety-five percent detection accuracy. Zero false positives in 10,000 transactions."

ACT III: VALIDATION & PROOF

[03:30:00 - 04:30:00] | 60 seconds | 8 Shots

SHOT 19 [03:30:00 - 03:45:00]
DOCUMENTS ON DESK
Setup Time: 30 minutes
Technique: Top-down shot

DOCUMENT SPREAD:

- Test results (highlighted numbers)
- Patent filings (visible headers)
- Government correspondence (redacted ok)
- Technical diagrams (look complex)

YOUR HANDS IN FRAME:

- Point to specific results
- Move papers to reveal more
- End on patent count: "20+ filed"

SHOT 20 [03:45:00 - 04:00:00]
YOU: TRL PROGRESSION
Setup Time: 15 minutes
Visual aid: Simple poster board

POSTER CONTENT:

> TRL 4: NOW ✓ (Lab validated)
> TRL 5: Month 6 (Gov facility)
> TRL 6: Month 12 (Operational demo)
> TRL 7: Month 18 (Prototype)
> TRL 8-9: Month 24 (Deployment)

YOUR EXACT WORDS: "We're at TRL 4 with validated lab results. Unlike others stuck at TRL 2, we have a clear 24-month path to deployment."

SHOT 21 [04:00:00 - 04:30:00]
SCREEN: COMPARISON CHART

Setup Time: 1 hour to create
Software: Excel + screen record

SIMPLE CHART:

	Detection	Block Rate	Cost
MWRASP	0.3ms	95%	$12.5M
Post-Quantum Crypto	Never	Unknown	$100M+
QKD	Never	N/A	$1B+
Traditional	Never	0%	Useless

YOUR NARRATION: "Only MWRASP detects quantum attacks. Only MWRASP blocks them. And we do it for one percent of the alternatives' cost."

ACT IV: COMPETITIVE ADVANTAGE

[04:30:00 - 05:00:00] | 30 seconds | 4 Shots

SHOT 22 [04:30:00 - 04:40:00]
PATENT WALL
Setup Time: 1 hour
Visual: Your actual provisional patents

SETUP:

- Pin patents to wall behind you
- Stand to side, gesture to them
- Don't read numbers, just indicate volume

YOUR EXACT WORDS: "Twenty-plus provisional patents covering quantum detection, temporal fragmentation, and AI coordination. We own this space."

SHOT 23 [04:40:00 - 05:00:00]
YOU: THE MOAT
Setup Time: 5 minutes
Energy: Confident, not arrogant

YOUR EXACT WORDS: "These aren't incremental improvements. These are foundational breakthroughs that create a two-year competitive advantage. Quantum detection alone - no one else has even attempted it."

ACT V: MILITARY APPLICATIONS

[05:00:00 - 05:30:00] | 30 seconds | 3 Shots

SHOT 24 [05:00:00 - 05:10:00]
STOCK FOOTAGE WITH OVERLAY
Cost: $50 from Artgrid
Editing: 1 hour

FOOTAGE + YOUR OVERLAY:

- F-35 footage + "MWRASP PROTECTED" text
- Submarine footage + "QUANTUM SECURE" text
- Soldier footage + "UNBREAKABLE" text

Simple, powerful, clear.

SHOT 25 [05:10:00 - 05:20:00]
YOU: MILITARY RELEVANCE
Setup Time: 5 minutes
Props: Military challenge coin (if you have one)

YOUR EXACT WORDS: "From F-35 mission data to submarine communications, from drone swarms to special operations - MWRASP protects what matters most. No infrastructure changes. No billion-dollar programs. Just immediate protection."

SHOT 26 [05:20:00 - 05:30:00]
SIMPLE GRAPHIC: DEPLOYMENT
Creation: 30 minutes in PowerPoint
Yes, PowerPoint

GRAPHIC SHOWS:

- Pentagon icon → MWRASP → Protected assets
- Simple arrows, clear flow
- "24 MONTHS TO FULL DEPLOYMENT"

ACT VI: TEAM & CAPABILITY

[05:30:00 - 06:00:00] | 30 seconds | 2 Shots

SHOT 27 [05:30:00 - 05:45:00]
YOU: CREDENTIALS
Setup Time: 5 minutes
Background: Your actual workspace

WHAT YOU SHOW:

- Your degrees (on wall)
- Previous work (on screen)
- Team photos (if applicable)
- Don't oversell, just establish credibility

YOUR EXACT WORDS: "I've been working on this problem for [X] years. Published [X] papers. Filed [X] patents. Built [X] systems. This isn't my first DARPA rodeo."

SHOT 28 [05:45:00 - 06:00:00]
SCREEN: TRANSITION PATH
Creation: 1 hour
Tool: Simple flowchart

SHOW THE PATH:

```
DARPA → SBIR III → Program of Record → Deployment
  ↓      ↓         ↓              ↓
Month 0  Month 6   Month 18       Month 24
```

YOUR NARRATION: "Clear transition through SBIR Phase III to program of record. We integrate with existing systems. No infrastructure changes required."

ACT VII: THE CLOSE

[06:00:00 - 07:00:00] | 60 seconds | 5 Shots

SHOT 29 [06:00:00 - 06:15:00]
SIMPLE INVESTMENT GRAPHIC

Creation: 20 minutes
Tool: After Effects template

NUMBERS ON SCREEN:

```
INVESTMENT: $12.5M over 24 months

COMPARISON:
One F-35: $80M
One breach: $100M+
Quantum failure: INCALCULABLE

ROI: 10:1 MINIMUM
```

SHOT 30 [06:15:00 - 06:30:00]
YOU: THE URGENCY
Setup Time: 5 minutes
Energy: Increasing intensity

YOUR EXACT WORDS: "Every day we delay, adversaries collect more data for future decryption. The window for first-mover advantage closes in 2027. In 24 months, we can protect everything. Or we can be victims."

SHOT 31 [06:30:00 - 06:45:00]
SCREEN: THE CHOICE
Creation: 30 minutes
Visual: Split timeline

TWO PATHS:

```
2025 ──────┬────── WITH MWRASP ──────→ PROTECTED
           │
           └────── WITHOUT ──────────→ EXPOSED
```

SHOT 32 [06:45:00 - 06:55:00]
YOU: FINAL STATEMENT

Setup Time: 10 minutes
Position: Closer to camera, centered

YOUR EXACT WORDS: "MWRASP doesn't just defend against quantum computers. It makes them irrelevant. The quantum threat is here. We have the solution. The only question is whether you'll act in time."

SHOT 33 [06:55:00 - 07:00:00]
END CARD
Creation: 5 minutes

SIMPLE BLACK SCREEN:

- DARPA logo
- Your contact information
- "MWRASP: Making Quantum Computers Irrelevant"
- Exactly 5 seconds

PART III: THE SOLO PRODUCTION SCHEDULE

14-DAY EXECUTION PLAN

DAY 1-2: PREPARATION

- Day 1 AM: Order/rent all equipment
- Day 1 PM: Set up your space, test everything
- Day 2 AM: Write your exact script, practice
- Day 2 PM: Set up demos, ensure they work

DAY 3-4: PRIMARY SHOOTING

- Day 3: Shoot all "you talking" shots (Shots 1, 4, 6, 12, 13, 17, 25, 27, 30, 32)
- Day 4: Reshoot anything that didn't work

DAY 5-6: SCREEN RECORDINGS

- Day 5: All demo recordings (Shots 3, 5, 14, 18, 21, 28)
- Day 6: Motion graphics creation (Shots 16, 26, 29, 31)

DAY 7: B-ROLL & PICKUPS

- Morning: iPhone shots (Shots 7-11)
- Afternoon: Document shots (Shot 19)
- Evening: Any pickup shots needed

DAY 8-10: EDITING

- Day 8: Rough cut assembly
- Day 9: Fine cut and timing
- Day 10: Final edit lock

DAY 11-12: POST-PRODUCTION

- Day 11: Color correction, audio mixing
- Day 12: Graphics, titles, final polish

DAY 13: REVIEW & FIXES

- Morning: Watch with fresh eyes
- Afternoon: Final adjustments
- Evening: Export multiple versions

DAY 14: DELIVERY

- Morning: Final quality check
- Afternoon: Upload and submit
- Evening: Backup everything

PART IV: TECHNICAL EXECUTION DETAILS

CAMERA SETTINGS (CRITICAL)

YOUR DSLR/MIRRORLESS SETTINGS:

Resolution: 1920x1080 (not 4K - manageable files)
Frame rate: 24fps (cinematic standard)
Shutter: 1/48 (180-degree rule)
ISO: As low as possible (400-800 max)
Picture Profile: Log if available, otherwise neutral
White Balance: 5600K (daylight) consistent
Focus: Manual (never hunt during take)

iPHONE SETTINGS:

Video: 4K 24fps
Grid: ON (for composition)
Lock AE/AF: YES (hold tap)
Stabilization: Standard (not cinematic mode)
ProRes: OFF (files too large)
HDR: OFF (complicates color matching)

AUDIO RECORDING PROTOCOL

YOUR VOICE RECORDING:

Distance from mic: 6-12 inches
Input level: Peaks at -12dB
Room treatment: Blankets on walls
Record room tone: 30 seconds each location
Multiple takes: Always do 3
Script visible: iPad teleprompter below lens

AUDIO CHECKLIST PER SHOT:

- [ ] Mic positioned correctly
- [ ] Levels checked
- [ ] Room tone recorded
- [ ] No AC/fridge/computer fans
- [ ] Phone on airplane mode
- [ ] "Rolling sound" before "action"

SCREEN RECORDING SETUP

OBS STUDIO CONFIGURATION:

Canvas Resolution: 1920x1080
Output Resolution: 1920x1080
FPS: 60 (smooth for demos)
Rate Control: CRF
CRF Value: 18 (high quality)
Keyframe Interval: 2
CPU Usage: Faster (balance)
Audio: Record separate track
Format: MP4 (not MKV)

DEMO PREPARATION:

```python
# Your demo checklist
1. Close all unnecessary apps
2. Clean desktop completely
3. Increase UI scaling to 125%
4. Disable all notifications
5. Practice entire demo 5 times
6. Have backup if demo fails
7. Record multiple takes
```

LIGHTING WITH MINIMAL GEAR

WINDOW LIGHT SETUP:

```
    Window (North facing best)
        ↓
White Sheet (diffusion)
        ↓
    [YOU] ← Camera
        ↑
Reflector (fill shadows)
```

NIGHT SHOOTING:

```
LED Panel 1 (key)
    ↘
    [YOU] ← Camera
    ↗
LED Panel 2 (fill)
```

SCREEN RECORDING LIGHTING:

- Ambient light only (no direct)
- Monitor brightness: 50%
- Avoid reflections in screen
- Dark mode if possible

EDITING WORKFLOW (DAVINCI RESOLVE)

PROJECT SETTINGS:

```
Timeline Resolution: 1920x1080
Timeline Frame Rate: 24fps
Working Folders: All on SSD
Proxy Mode: If needed (1/4 resolution)
Optimized Media: For all clips
```

EDIT TIMELINE STRUCTURE:

```
VIDEO 1: Main content
VIDEO 2: B-roll and cutaways
VIDEO 3: Screen recordings
VIDEO 4: Graphics and titles
VIDEO 5: Adjustment layers

AUDIO 1-2: Dialogue (stereo)
AUDIO 3-4: Music
AUDIO 5-6: Sound effects
AUDIO 7-8: Room tone
```

COLOR CORRECTION WORKFLOW:

1. Balance all shots to match
2. Create one master look

3. Apply via adjustment layer
4. Export reference frame
5. Match graphics to grade

MOTION GRAPHICS TEMPLATES

AFTER EFFECTS TEMPLATES TO BUY ($100 total):

1. Simple Lower Thirds ($20)
2. Data Visualization Kit ($30)
3. Tech HUD Elements ($25)
4. Transitions Pack ($25)

CUSTOMIZATION TIME: 2 hours total

- Change colors to match (blue/white)
- Swap out text
- Adjust timing
- Export with alpha

MUSIC SELECTION (CRITICAL)

WHAT WORKS FOR DARPA:

- Subtle, not overwhelming
- Build tension without distraction
- No vocals ever
- Avoid military clichés
- Modern, slightly dark

EPIDEMIC SOUND SEARCH TERMS:

- "Technological tension"
- "Corporate suspense"
- "Minimal electronic"
- "Documentary underscore"
- "Scientific discovery"

MUSIC EDITING:

- Start at 10% volume
- Duck under dialogue (-6dB)
- Build during transitions
- Cut out during key points
- End on resolution

PART V: CONTENT OPTIMIZATION

SCRIPT REFINEMENT (WHAT YOU ACTUALLY SAY)

OPENING HOOK [00:00:00 - 00:15:00] "Right now, Chinese quantum computers are harvesting every encrypted file the DoD transmits. Banking on decrypting them by 2030. They're not trying to break our encryption today. They're collecting everything, storing it, waiting for the quantum computers that will unlock every secret we've ever transmitted."

PROBLEM CRYSTALLIZATION [00:15:00 - 01:30:00] "Post-quantum cryptography assumes we know all future quantum algorithms. We don't. History shows we never do. QKD requires ten million dollars per link and completely new infrastructure. Current AI systems can't detect what they haven't seen before. And traditional encryption is already dead - it just doesn't know it yet.

Here's the terrifying truth: Nothing currently deployed can detect when a quantum computer is actually attacking our systems. We're blind to the greatest cryptographic threat in history."

SOLUTION INTRODUCTION [01:30:00 - 02:00:00] "MWRASP is the world's first system that detects quantum computers attacking in real-time. Not in minutes. Not in seconds. In milliseconds. Let me show you exactly how this works."

DEMONSTRATION NARRATION [02:00:00 - 03:00:00] "I'm deploying quantum canary tokens - cryptographic tripwires at different strength levels. Watch what happens when I simulate a quantum attack. See how the weak encryption breaks first while strong encryption holds? That pattern - that's a quantum fingerprint we detect in under one millisecond.

But detection alone isn't enough. Watch temporal fragmentation activate. The data literally expires before it can be collected. You cannot decrypt what no longer exists."

VALIDATION EMPHASIS [03:00:00 - 04:00:00] "These aren't projections or simulations. This is real test data from last week. Ninety-five percent detection accuracy against quantum attack patterns. One hundred percent effective against harvest-now-decrypt-later attacks. We're at TRL 4 - that's validated in laboratory conditions. Not theoretical. Not conceptual. Proven."

COMPETITIVE POSITIONING [04:00:00 - 04:30:00] "Twenty-plus provisional patents create an impenetrable competitive moat. Our quantum detection method - no one else has even attempted it. Temporal fragmentation - physically impossible to copy. With over one hundred continuation claims possible, we control the quantum defense landscape."

MILITARY RELEVANCE [04:30:00 - 05:30:00] "From F-35 mission data to submarine communications, from drone swarms to special operations - MWRASP protects what matters most. This isn't a billion-dollar infrastructure overhaul. This is software that integrates with your existing systems. Deploy in months, not years."

CLOSING URGENCY [05:30:00 - 07:00:00] "For twelve point five million over twenty-four months - less than the cost of one compromised weapons system - you get complete quantum defense. Every day we delay is another day of encrypted intelligence adversaries are banking for future decryption.

The window for first-mover advantage closes in 2027. We can be ready, or we can be victims. MWRASP doesn't just defend against quantum computers. It makes them irrelevant. The quantum threat is here. We have the solution. The only question is whether you'll act in time."

THE HEILMEIER CATECHISM COVERAGE

Minute-by-Minute Alignment:

Time	Heilmeier Question	Your Answer
0:00-1:30	What are you trying to do?	Detect and stop quantum attacks
0:15-1:30	How is it done today?	It's not - everything fails
1:30-3:00	What is new?	Real-time quantum detection
3:00-4:00	Who cares?	DoD losing everything
4:00-5:00	If successful, what difference?	Complete quantum immunity
5:00-5:30	What are the risks?	Integration complexity (manageable)
5:30-6:30	How much will it cost?	$12.5M over 24 months
6:00-6:30	How long will it take?	24 months to deployment
6:30-7:00	Mid-term and final exams?	TRL progression clear

PART VI: EMERGENCY PROCEDURES

WHEN THINGS GO WRONG (THEY WILL)

DEMO FAILS DURING RECORDING:

- Have screenshots ready as backup
- Record narration explaining what should happen
- Cut to you explaining the failure honestly
- "Let me show you what this normally looks like"

YOU FREEZE ON CAMERA:

- Keep rolling
- Take a breath
- Look at your notes
- Start the sentence over
- Fix in edit

TECHNICAL PROBLEMS:

- Everything backed up to cloud immediately
- Two copies of all footage
- Export rough cut daily
- Have phone ready as backup camera

TIME CRUNCH:

- Prioritize: Hook → Demo → Close
- Cut team section if needed
- Reduce B-roll
- Simple graphics are fine

AUDIO PROBLEMS:

- ADR (re-record audio) if needed
- Use phone as backup recorder
- Room tone saves everything
- Can fix most in post

SHOT PRIORITY LIST (IF TIME RUNS OUT)

MUST HAVE (Bare Minimum):

1. Opening hook (Shot 2)

2. Problem statement (Shot 4)
3. Live demo (Shot 14)
4. Test results (Shot 19)
5. Closing urgency (Shot 32)

NICE TO HAVE:

- B-roll shots
- Patent wall
- Military applications
- Team credentials

CAN SKIP IF DESPERATE:

- Complex graphics
- Multiple angles
- Perfect lighting
- Fancy transitions

PART VII: POST-PRODUCTION DETAILS

COLOR CORRECTION SETTINGS

BASE CORRECTION (Every Shot):

Lift: 0.00
Gamma: 1.00
Gain: 1.00
Contrast: 1.05
Saturation: 0.95 (slightly desaturated)
Temperature: Neutral unless motivated

SCREEN RECORDINGS:

Brightness: +10%
Contrast: +15%
Saturation: 90% (avoid oversaturated UI)
Sharpen: 0.3 (subtle)

YOUR FACE SHOTS:

Add slight warmth (+100K)
Skin tone preservation on
Reduce reds if needed
Match across all shots

AUDIO PROCESSING CHAIN

DIALOGUE (Your Voice):

1. Noise reduction (light)
2. EQ: High pass at 80Hz
3. EQ: Slight boost at 3kHz (presence)
4. Compression: 3:1 ratio, -15dB threshold
5. De-esser if needed
6. Limiter: -3dB ceiling

MUSIC:

1. EQ: Cut 2-4kHz (space for voice)
2. Compression: Light to control dynamics
3. Automation: Duck under dialogue
4. Reverb: None (keep dry)

FINAL MIX:

- Dialogue: -12dB average
- Music: -22dB under dialogue
- Peaks: Never exceed -3dB
- LUFS: -16 for streaming

EXPORT SETTINGS

MASTER FILE:

Format: H.264
Resolution: 1920x1080
Frame Rate: 24fps
Bitrate: 20 Mbps
Audio: AAC 320kbps stereo

BACKUP VERSIONS:

- ProRes 422 HQ master
- H.265 for smaller file
- Audio-only version
- Subtitled version

FINAL CHECKLIST

TECHNICAL:

- [ ] Exactly 7:00:00 runtime
- [ ] No frames over 7:00:00
- [ ] Audio peaks below -3dB
- [ ] No jump cuts unintentional
- [ ] Color matched throughout
- [ ] Graphics readable
- [ ] No typos in text
- [ ] Contact info correct

CONTENT:

- [ ] Heilmeier questions answered
- [ ] Problem clearly stated
- [ ] Solution demonstrated
- [ ] Proof provided
- [ ] Team credibility shown
- [ ] Timeline realistic
- [ ] Budget justified
- [ ] Urgency created

SUBMISSION:

- [ ] Correct format for DARPA portal
- [ ] All metadata included

- [ ] Backup copies made
- [ ] Submission confirmed
- [ ] Receipt saved

PART VIII: PSYCHOLOGICAL WARFARE

WHAT DARPA PMs ARE ACTUALLY THINKING

00:00-00:30: "Is this another incremental improvement?" **Your Counter:** Hit them with existential threat immediately

00:30-1:30: "Do they understand the real problem?" **Your Counter:** Show failed solutions they're considering

1:30-3:00: "Does this actually work?" **Your Counter:** Live demo that can't be faked

3:00-4:00: "What's their evidence?" **Your Counter:** Real data, real tests, real results

4:00-5:00: "Can anyone else do this?" **Your Counter:** Patent wall, unique approach

5:00-6:00: "Can they deliver?" **Your Counter:** Clear timeline, proven track record

6:00-7:00: "What if we don't fund this?" **Your Counter:** Make inaction scarier than action

COGNITIVE TRIGGERS TO EXPLOIT

Loss Aversion: "Every day we delay, more data is harvested" **Authority:** "IBM confirms quantum timeline" **Social Proof:** "China is already doing this" **Scarcity:** "Two-year window closing" **Consistency:** "You funded lesser solutions" **Reciprocity:** "We solved your hardest problem"

POWER PHRASES THAT WORK

Instead of "We think" → "We've demonstrated"
Instead of "It should" → "It does"
Instead of "We hope" → "We will"
Instead of "Maybe" → "When"
Instead of "Could help" → "Solves completely"

CONCLUSION: THE REALITY CHECK

This is what you can actually execute in 14 days with $8,500. No crew, no actors, no complex VFX. Just you, your expertise, and crystal-clear communication.

The difference between this and the Hollywood version isn't quality - it's authenticity. When you look into that camera and say "I solved this," they'll believe you because you're not acting. When you run that demo, it'll work because it's not CGI.

Twenty years in production taught me that the best effect is no effect. The best actor is the actual expert. The best script is the truth told well.

You have 14 days to change the course of quantum defense. This bible shows you exactly how to do it with what you actually have.

Stop planning. Start shooting. Day 1 is today.

Your move, soldier.

FINAL SOLO PRODUCTION STATS:

- Total Shots: 33 (manageable)
- Solo Shooting Days: 5
- Post Days: 6
- Total Schedule: 14 days
- Actual Budget: $8,500
- Crew Size: 1 (you)
- Chance of Success: 100% if you follow this

This isn't the video you dreamed of. It's the video that wins.

END OF SOLO WARRIOR PRODUCTION BIBLE