# 🚀 Digital Twin SOC Dashboard - Quick Reference Guide

## 🌐 **Access Information**

* **Dashboard URL**: https://ghifiardi.github.io/digital\_twin\_SOC\_sowcase/Digital-Twin-SOC-Showcase.html
* **Load Time**: 10-15 seconds
* **Compatibility**: All modern browsers, mobile-friendly

## 🎮 **Quick Controls**

### **Demo Modes**

* **👆 Manual**: Step-by-step control (for presentations)
* **🔄 Auto**: Continuous simulation (for background)

### **Manual Mode Controls**

* **⏭️ Next Step**: Advance demo
* **⏮️ Previous Step**: Go back
* **⚡ Trigger Attack**: Simulate threat
* **🛡️ Show Response**: Execute responses
* **🔄 Reset**: Start over

## 🎯 **Key Features**

### **Network Nodes** (Click for details)

* **Perimeter Firewall** (10.0.0.1) - Network Security Gateway
* **Web Server** (10.0.1.10) - Production Web App
* **Database** (10.0.2.10) - Customer Data Store
* **User PC** (10.0.3.100) - Sarah Chen (Marketing)
* **Admin PC** (10.0.3.101) - Mike Rodriguez (IT Admin)
* **API Gateway** (10.0.1.20) - API Management

### **Status Colors**

* 🟢 **Green**: Active/Healthy
* 🟡 **Yellow**: Under Attack
* 🔴 **Red**: Compromised
* 🟣 **Purple**: Isolated

### **AI Agents** (Click to switch)

* **ADA**: Adaptive Defense Agent (threat detection)
* **TAA**: Threat Analysis Agent (pattern analysis)
* **CRA**: Compliance Agent (regulatory validation)

## 📊 **Performance Metrics**

* **Response Time**: 8.3 minutes (73% faster)
* **False Positives**: 9.2% (79% reduction)
* **Threats Blocked**: 1,247 today (99.2% success)
* **Compliance**: 95.8%

## 🎪 **Demo Scenarios**

### **Executive Demo** (10-15 min)

1. Manual Mode → Step 1-8
2. Explain Digital Twin concept
3. Show AI agents and reasoning
4. Trigger attack simulation
5. Demonstrate automated response
6. Highlight performance metrics

### **Team Training** (20-30 min)

1. Let team explore freely (5 min)
2. Guide through Manual Mode
3. Explain each AI agent
4. Show attack/response cycle
5. Discuss real-world applications
6. Q&A session

### **Client Demo** (15-20 min)

1. Problem statement
2. Current security challenges
3. Digital Twin solution
4. Competitive advantages
5. ROI and benefits
6. Next steps

## 🔧 **Troubleshooting**

### **Common Issues**

* **Won’t Load**: Wait 10-15 seconds, refresh page
* **Not Working**: Enable JavaScript, try different browser
* **Mobile Issues**: Use Chrome/Safari, landscape mode
* **Slow**: Close other tabs, restart browser

### **Browser Support**

* ✅ Chrome, Firefox, Safari, Edge (latest versions)
* ❌ Internet Explorer, very old browsers

## 📱 **Mobile Tips**

* **Landscape mode** for better viewing
* **Tap and hold** nodes for details
* **Pinch to zoom** for inspection
* **Use Chrome/Safari** for best experience

## 🎯 **Success Tips**

* **Practice demo** before presenting
* **Use Manual Mode** for control
* **Explain each step** clearly
* **Engage audience** with questions
* **Have backup plan** ready

**📚 For detailed information, see TEAM-DOCUMENTATION.md**

**🎉 Ready to demonstrate the future of cybersecurity!**