

# TACTUS KEEP IN TOUCH.

conceras™

Tactus™

United States Patent No.: US 12,323,387 B2 (and other U.S. and International Patents Pending)

## THE MODERN PRODUCTIVITY GAP IN SECURE FACILITIES

Smartphones are the operational lifeline for federal and military teams—calls, messaging apps, and cloud and collaboration tools. Yet PED restrictions inside CAAs and SCIFs force staff to leave secure areas repeatedly, reducing responsiveness and efficiency.

TACTUS MIRRORS ALL SMARTPHONE FUNCTIONS INTO THE SCIF WHILE KEEPING THE DEVICE OUTSIDE.

### What Tactus Is

Tactus is a patented, two-part hardware system that enables **full smartphone mirroring inside a CAA/SCIF** while the actual phone remains outside. A single, isolated fiber-optic link connects a non-secure locker to a secure electromechanical desk unit—delivering 100% smartphone functionality with **no RF, no OS, no storage, and no wireless interfaces**.

### Why It Exists

Tactus restores productivity without introducing risk. Instead of granting PED exceptions or relying on selective-access apps, Tactus gives users complete functionality while ensuring no camera, transmitter, or processing platform crosses the secure boundary.

### How It Works

- + **Black-Side Locker:** Houses and charges the phone via USB-C connection; stackable, lockable, and airflow-designed.
- + **Single Fiber Link:** No metallic conductors, no USG network/system connection, no electrical cross-domain pathways.
- + **Secure Red-Side Desk Unit:** Mirrors full smartphone functionality with touch, keyboard, and mouse support—using **zero software or memory**.



## MISSION-FOCUSED CAPABILITY



Full access to calls, SMS, WhatsApp, Signal, Teams/Office, MFA codes, and emergency calling.



No software or updates required; no CVEs or patching cycles.



Works with iPhone 15+, Samsung and modern USB-C smartphones.

## IMPLEMENT SAFE, POLICY-ALIGNED SMARTPHONE MIRRORING IN ANY CAA/SCIF

**Technical Isolation** > Fiber-only path, audio disconnects, tamper evidence.

**Installation & Accreditation** > No network touch; simple fiber routing; No ATO needed.

**Policy Alignment** > No RF/camera/OS; ICD-705 friendly.

**Cost & Sustainment** > Single hardware purchase and low-cost fiber, with no annual systems or maintenance costs.

### Policy & Accreditation Alignment

- + The smartphone never enters the secure space; the desk unit contains no RF, camera, OS, or storage.
- + Optical isolation and hardware disconnects align with ICD-705/CNSS.
- + Audio circuits are verifiable through field-accessible test points, simplifying TSG review.
- + No network integration typically avoids ATO-impacting changes.

### Security & TEMPEST Posture

- + No metallic pathways; optical-only connection reduces exfiltration exposure.
- + Shielding, ferrites, and gasketed construction support low-emission operation.
- + Red/black power independence preserves domain separation.

### Accreditation, Integration & Installation

- + Single point-to-point fiber run.
- + Deskset uses secure-side power; locker uses non-secure power.
- + No apps, servers, or network services required.
- + Pre-terminated fiber kits or cleared installers available **worldwide**.

### COMPARISON TO ALTERNATIVES

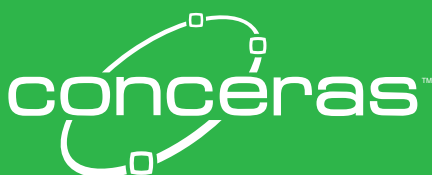
- + App bridges still depend on PEDs inside SCIFs and require exceptions.
- + Enterprise selective-access platforms require networks, servers, and patching—Tactus requires none.
- + Tactus enables full functionality, not limited subsets.

### USE CASES

- + Executives needing continuous reachability while working inside SCIFs.
- + Mission teams requiring zero geolocation exposure from sensitive facilities.
- + Crisis-response staff needing immediate external communication during high-tempo operations.
- + SCIF/CAA work centers needing phone capability without VoIP or network integration.
- + RSOs and watch officers requiring constant reachback to their agencies.
- + Cleared personnel needing full communication access without leaving SCIFs.

### OPERATIONAL & COST ADVANTAGES

- + **Price:** Locker + deskset = \$15,000; no recurring hardware costs.
- + **Fiber Install:** One-time \$1,000–\$1,400 per unit; lasts 20+ years.
  - No Supporting Infrastructure.
  - No servers, switches, routers, UPS systems, or added bandwidth.
- + No licenses, no patching, no O&M burden.
- + Infrastructure represents only ~10% of deployments.



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