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HANDHELD COMPUTERS

CT37 Handheld Computer

The CT37 mobile computer features a consumer phone experience with enterprise-class durability, manageability, support and lifecycle.

Overview

Feedback

The CT37 delivers a lightweight, user-friendly design that is built on the Mobility Edge™ platform, ensuring continuous productivity for front-line workers in retail, logistics, and healthcare.

The Mobility Edge™ platform is a durable, stable, secure foundation for which businesses build solutions around. The CT37 features a future compatible architecture that protects your investment, with Android support out to A18.

The housings on the CT37 are disinfectant ready and designed to withstand multiple cleanings from a variety of harsh cleaners. The housings stand up to multiple cleanings an hour by approved chemicals.

The CT37 is equipped with the latest 5G and Wi-Fi 6E technology, keeping you connected indoors and outdoors. 5G keeps mobile workers connected with the highest bandwidth and lowest latency available, reducing downtown and increasing productivity. The CT37 supports private 5G, CBRS, and Wi-Fi 6E, ensuring front-line workers stay connected.

Combined with powerful Honeywell software such as Operational Intelligence, Smart Talk unified communications and Smart Pay contactless payment, the CT37 is an ideal platform for users in retail, healthcare and transportation and logistics to build effective solutions.

With its hot-swappable battery feature, the CT37 eliminates interruptions for battery replacement, making it possible for extended operational use without downtime.

The CT37 also includes a secure element (SE) for preventing digital threats, adding a layer of physical security to the device. It ensures that sensitive information processed by applications on the SE is insulated and secured against unauthorized access.

Specifications

FEATURES

Camera	Housing Grade	For Use With
• 13-megapixel color rear camera	• Disinfectant Ready Housing	• Android
• 8-megapixel color front camera		

- Retail, Transportation & Logistics, Field Operations and Healthcare
- Compatible with Universal Dock
- Rear and Front

DIMENSIONS

Overall Dimensions

- 167.4 mm x 76.0mm x 12.6mm (6.6 in x 3.0 in x 0.5 in)

SCANNING SPECIFICATIONS

Decode Capability

- Honeywell FlexRange™ XLR S0803
- Standard Range Engine S0703 (1D/2D barcode symbologies)

NETWORK

Computer Wireless Communication

- 5G , WiFi 6E, BT5.3, NFC

Bluetooth Specifications

- V5.3 Bluetooth and BLE; 2nd BLE

WWAN Specifications

- 4G-LTE DL CAT-18: ~800 Mbps
- 4G-LTE UL CAT-15: ~200 Mbps
- 5G FR1: Bands 1, 2, 3, 5, 7, 8, 12, 13, 14, 20, 25, 26, 28, 29, 30, 38, 40, 41, 48, 66, 71, 77, 78, 79
- 5G NSA-DL: ~2500 Mbps, UL: ~1050 Mbps
- 5G SA-DL: ~2300 Mbps, UL: ~1050 Mbps
- AT&T FirstNet Compliant
- Global bands support, device certified with GCF-PTCRB, ATT, TMO, VZW
- LTE: Bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 17, 18, 19, 20, 25, 26, 28, 29, 30, 38, 39, 40, 41, 42, 43, 48, 66, 71

WLAN Specifications

- Data rates: 2.4GHz: 802.11b/g/ax – 20MHz up to 286.8Mbps; 5GHz: 802.1/n/ac/ax –20MHz, 40MHz, 80MHz, 160MHz up to 2882Mbps; 802.11ax- 20MHz, 40MHz, 80MHz, 160MHz up to 2882Mbps.
- IEEE 802.11 a/b/g/n/ac/d/h/i/r/k/v/w/mc/ax, 2x2 MU-MIMO; Triband (2.4GHz, 5GHz, 6GHz); Wi-Fi 6E (801.11ax); Dual Band Simultaneous (DBS); IPv4, IPv6
- Supported EAP: TLS, PEAP, TTLS, PWD, LEAP, CCX compatible.
- WLAN Security: Enhanced open (OWE), WEP, WPA/WPA2/WPA3 (Personal and Enterprise)
- Wi-Fi certified; Wi-Fi 6E certified.

RFID Specifications

- Integrated NFC reader, compliant with ISO/IEC 1443A, ISO/IEC 1443 B, ISO/IEC 15693 (ICode), MIFARE 1K/4K, MIFARE DESFire, Sony FeliCa, ISO/IEC 18092 (Type F), Contactless payment support, ECP 1.0 and ECP 2.0.

GPS Specifications

- GPS, GLONASS, Galileo, Beidou, QZSS, NavIC, Dual band GNSS-Concurrent L1/G1/E1/B1 with L5/E5a/BDSB2a, a-GPS, Supports XTRA

SOFTWARE & FIRMWARE

Operating System

- Each Android version guaranteed from Android 14 to 18, subject to technical

Operating System Type

- Android

Platform

- Mobility Edge

MEMORY & DATA

Memory

- 8GB DDR5 RAM, 128GB UFS 3.1 Flash

HARDWARE

Display Resolution

- Full High-Definition (2280 x 1080)

Scan Engine Range

- Standard Range and FlexRange

Scan Engine Model

- Honeywell S0703 Slim Imager ; Honeywell FlexRange™ XLR S0803

Scan Engine Type

- Laser aimer

Display Size

- Gorilla Glass™ Victus™ , 6-inch

Processor

- Qualcomm QCS4490 or QCM4490 octa-core, up to 2.4GHz

ELECTRICAL

Battery Capacity

- 3846mAh and 5550mAh

Battery Types

- Hot-swappable
- Replaceable

Battery Type

- Li-ion

ENVIRONMENTAL

Storage Temperature Range

- –30° to 70°C (-22°F to 158°F)

Operating Temperature

- –10° to 50°C (14°F to 122°F)

Operating Humidity

- 5% to 95% (non-condensing)

STANDARDS & APPROVALS

Tumble Specifications

- 750, 0.5m (1.6 ft) tumbles
- 750, 1.0m (3.3 ft) tumbles with protective boot

Drop Specifications

- Multiple 1.5m (5ft) drops to concrete at operating temperature per MIL-STD 810H
- Multiple 1.8m (6ft) drops to concrete at operating temperature wtih boot per MIL-STD 810H

Protection Ratings

- IP68/IP65

SERVICE TERMS

Warranty Duration

- 1 year

OTHERS

Scan Distance

- Mid Range (0-5m)
- No Scanner
- Standard Range (0-1m)

Connectivity

- Wi-Fi

Environment

- Healthcare
- Standard

Keypad

- Full Touchscreen

Showing 1 to 10 of 11 parts

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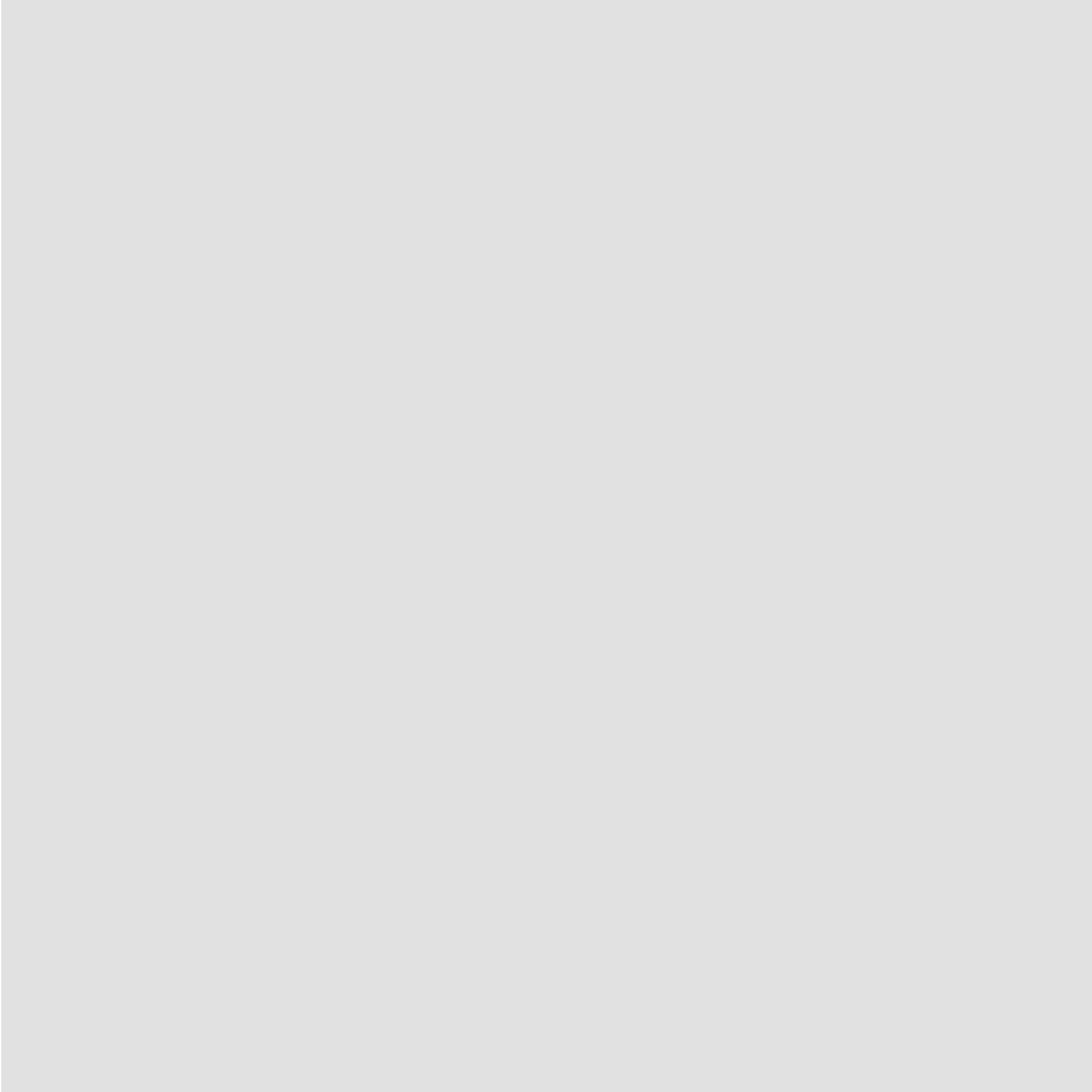| PART NUMBER ⬍	DESCRIPTION ⬍	ORDER ONLINE
CT37-5CB-UVB-BAT-0	CT37 BOOTED 5BAY CHARGER, STD	SIGN IN
CT37-BTSC-001	CT37 STD BATT, 3846 MAH, DRH	SIGN IN
CT37-HB-UVB-1	CT37 BOOTED HOME BASE, US POWER CORD	SIGN IN
CT37-HB-UVN-2	CT37 NON BOOTED HOME BASE, EU POWER CORD	SIGN IN
CT37-HS-3PK	CT37 HAND STRAP, 3 PIECES	SIGN IN
CT37-PB-STD	CT37 PROTECTIVE BOOT, BLKHON GRY90	SIGN IN
CT37-QBC-UCP	CT37 QUAD CHARGER UNIVERSAL CUP	SIGN IN
CT37-SH-UVN	CT37 SCAN HANDLE, NON BOOTED	SIGN IN
CT37-WS-KIT	CT37 WEARABLE KIT	SIGN IN
CT37-X1N-57S10DG	CT37:5G&WIFI6E, Nano & ESim, 6´ Screen, Full Touchscreen, 8GB128GB, Standard Range Engine-Red Laser, Front & Rear Camera, Standard Battery, GMS, IP6568, Standard Environment & Battery, No Gov Cert., LauncherBrowserBasicTE, Global	SIGN IN

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Feedback

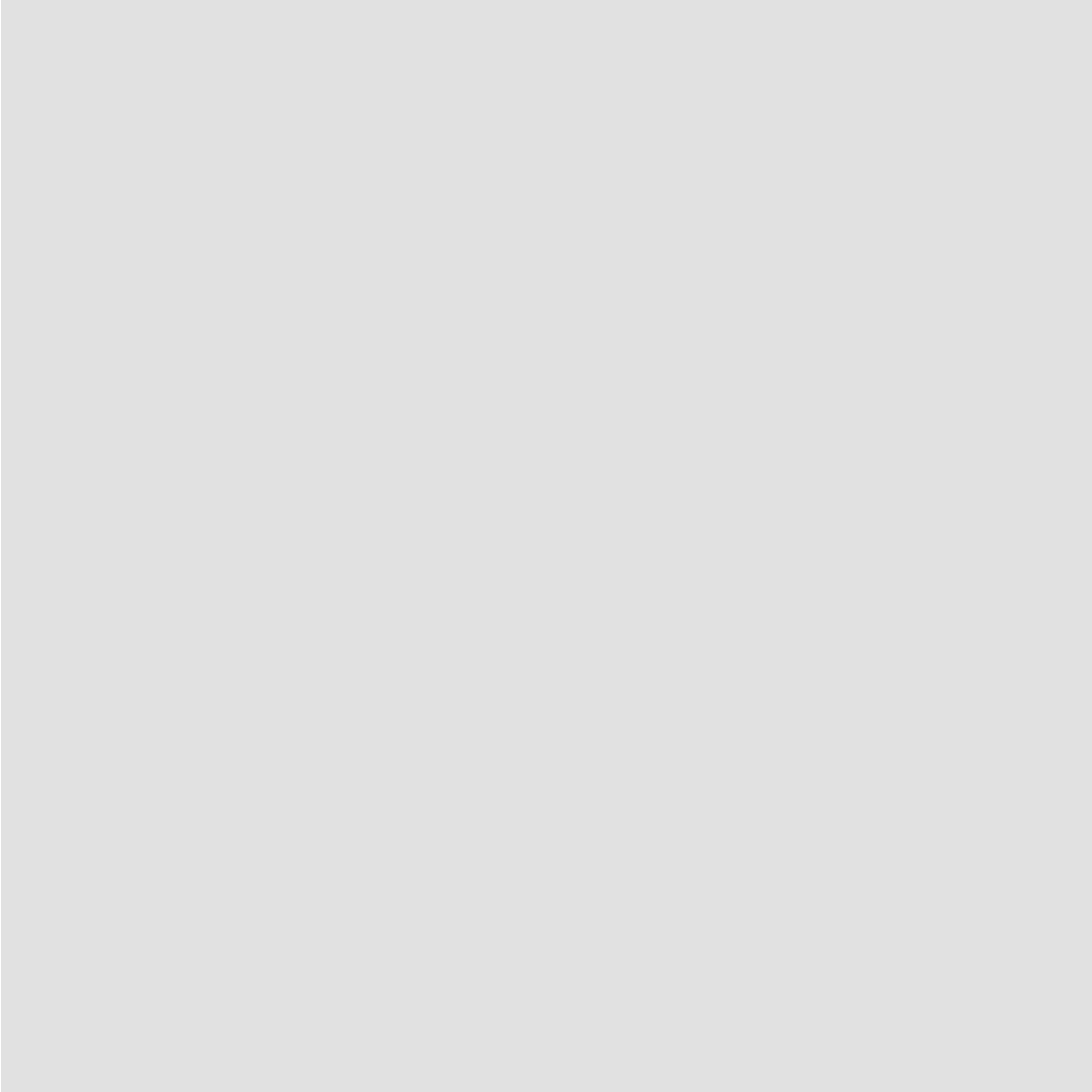|	
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CT37 Retail Video

Complete Your Solution

Honeywell Operational Intelligence

Less risk and better ROI from your mobility solution. Less disruption and better operational performance.
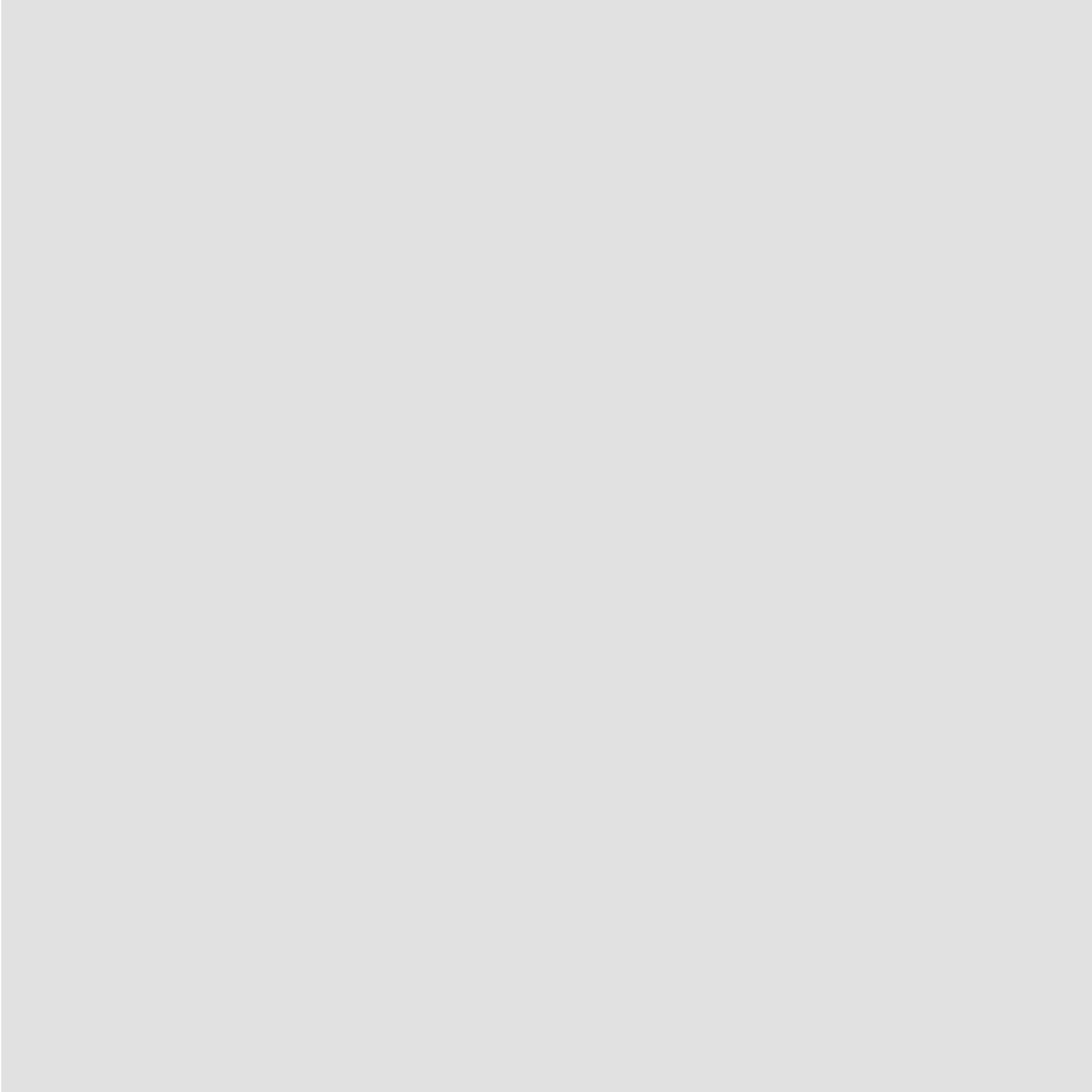
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Honeywell Smart Talk

Enable employees to be more productive with a highly flexible enterprise grade Unified Communications solution.

→ **LEARN MORE**

Honeywell Support Services

Maximize the value of your mobile devices with complete support throughout the full lifecycle.

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Feedback