

GUARDIANTELECOM.COM

Rugged, safe, reliable and cost effective communication solutions for industries around the world.

PRODUCT GUIDE

Telephone Systems

In2iT Plant Communications Systems

Acoustic Booths

Guardian Enclosures & Accessories

Ringers & Loudspeakers

tough. trusted. true.



 **GUARDIAN**
T E L E C O M

tough. trusted. true.

Guardian Telecom products come with an industry leading 5 year warranty. Don't accept anything less.



tough. trusted. true.



RUGGED, SAFE, RELIABLE AND COST-EFFECTIVE COMMUNICATION SOLUTIONS FOR INDUSTRIES AROUND THE WORLD.

Guardian Telecom designs, manufactures and delivers a diverse range of communication solutions to clients in more than 75 countries around the world for use in rigorous service conditions. Guardian knows that every client is different, and that is why Guardian gives you more choices. We want to make safety a way of working and communicating, not a barrier. Guardian Telecom's Product Guide provides a snapshot overview of our product line.

Harsh environments, extreme elements, critical infrastructure, and safety-critical and mission-critical applications call for rugged and reliable solutions. Guardian Telecom has the answer. Guardian Telecom designs, manufactures, supplies and commissions Telephone Systems for use in uncompromising industrial environments. Our telephone systems are created with specific end-user requirements for quantity of external trunk lines: CO, E1/T1 or VoIP and internal extensions: Analog (POTS), Digital (proprietary) or VoIP (SIP). Voice mail packages and battery back-up are only a few of the additional features available to make any system complete in today's demanding industrial world.

With the addition of full featured OEM digital phone sets & cordless phone subsystems plus Guardian Telecom's own full line of industrial telephones which include weather resistant, watertight, ruggedized industrial and explosion proof models, client demands are met or exceeded with Guardian turnkey PABX phone system solutions. Internal telephones are connected within a business telephone network using a PABX which also connects them to a (PSTN) public switched telephone network, VoIP providers and SIP trunks.

VoIP OUTDOOR/INDOOR INDUSTRIAL TELEPHONES

DTT-V / DTR-V Series — Industrial Telephones

Safe, reliable communication in industrial areas that are prone to harsh environments, where standard phones are not suitable. The highly durable weatherproof IP66 enclosure can be user configured for either desk or wall mount. DTT-V models have a hands-free speaker phone and can be programmed for speed dialing. Lift a DTR-V Ringdown Telephone handset and the autodialer routes the call to its assigned location.



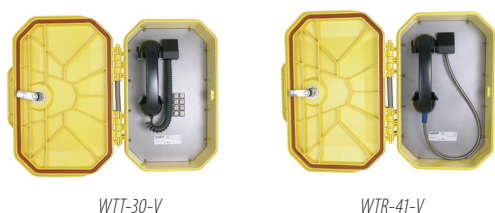
WRT-V / WRR-V Series — Weather Resistant Telephones

Designed for moderately harsh environments where standard phones are not suitable. Resists moisture, dust and harmful corrosive chemicals. Lift a WRR-V Ringdown Telephone handset and the autodialer routes the call to its assigned location.



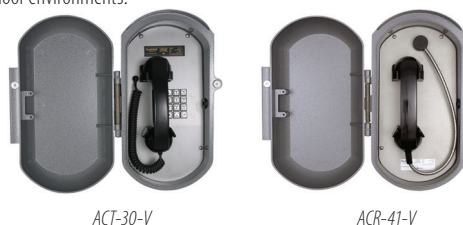
WTT-V / WTR-V Series — Water Tight Telephones

With Type 4X & IP66 ratings, these watertight IP Telephones offer maximum efficiency under extreme environmental conditions and have a fiber ready option. The sturdy thermoplastic resin enclosure protects the internal circuitry against wind-blown dust, rain, corrosion, splashing and high-pressure water.



ACT-V / ACR-V Series — Heavy Duty Cast Aluminum Telephones

ACT-V and ACR-V Telephones meet the demanding requirements of sites that are prone to abuse and inclement weather and have a fiber ready option. Housed in a locking or non-locking aluminum enclosure they are resistant to moisture dust and corrosive chemicals. Specially designed for outdoor environments.



VoIP INDOOR INDUSTRIAL TELEPHONES

SCT-V/SCR-V Series — Steel Compact Telephones

Reliable, high quality industrial communications in moderately harsh environments where standard telephones are not suitable. Designed for use in industrial applications and ideal for noisy areas. Lift a SCR-V Ringdown Telephone handset and the autodialer routes the call to its assigned location.



VoIP EMERGENCY TELEPHONES

HDE-V Series — Heavy Duty Emergency Telephones

HDE VoIP telephones provide a two-way link to assistance through full-duplex phone transmission. Hands-free units that work in harsh conditions including extremely cold weather, rain and noisy environments. Designed for use in high ambient noise areas found in transit facilities and public locations including campuses and factories requiring a telephone critical to public safety or security. Capable of mass notification. Available options include a hearing aid induction loop and VoIP expansion module.



VoIP HAZARDOUS CLASS I, DIVISION 2 TELEPHONES

WRT-V-H / WRR-V-H Series — Hazardous Area Telephones

Guardian's WRT-V-H/WRR-V-H SERIES Weather Resistant Industrial VoIP Hazardous Telephones are designed for use in Class I, Division 2 hazardous areas where the atmosphere may be hazardous due to the presence of gases, dust, or fibers.



WTT-V-H / WTR-V-H Series — Water Tight Hazardous Area Telephones

Guardian's WTT-V-H/WTR-V-H SERIES Water Tight Industrial VoIP Hazardous Telephones offer maximum efficiency under extreme environmental conditions.



SCT-V-H Series — Hazardous Area Steel Compact Telephones

Engineered to deliver reliable, high-quality communications in moderately harsh environments, where standard telephones are not suitable. Designed for use in industrial applications and ideal for noisy areas. Class I, Division 2.



DTT-V-H / DTR-V-H Series — Hazardous Area Telephones

Type 4X, IP66 weather rating without being housed in a separate enclosure. Designed to provide safe, reliable communication in industrial areas that are prone to "extreme" harmful environments, ensuring high quality communications under extreme working conditions.



ANALOG INDUSTRIAL TELEPHONES

WRT / WRR Series — Weather Resistant Telephones

Designed for moderately harsh environments where standard phones are not suitable. Resists moisture, dust and harmful corrosive chemicals. Lift a WRR Ringdown Telephone handset and the autodialer (if required) routes the call to its assigned location.



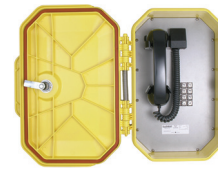
WRT-30



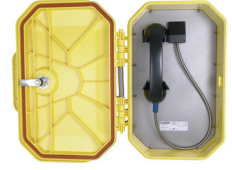
WRR-41

WTT / WTR Series — Water Tight Telephones

With Type 4X & IP66 ratings these watertight Telephones offer maximum efficiency under extreme environmental conditions. The sturdy thermoplastic resin enclosure protects the internal circuitry against wind-blown dust, rain, corrosion, splashing and high-pressure water.



WTT-30



WTR-41

ACT / ACR Series — Heavy Duty Cast Aluminum Telephones

ACT and ACR Telephones meet the demanding requirements of sites that are prone to abuse and inclement weather. Housed in a locking or non-locking aluminum enclosure they are resistant to moisture dust and corrosive chemicals. Specially designed for outdoor environments.



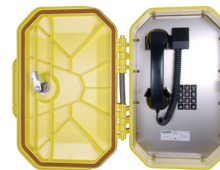
ACT-30



ACR-41

FIT Series — Food Industry Telephone

A Type 4X (IP66) rating makes the FIT-80 ideal for use in wet or corrosive atmospheres such as food processing plants. Stainless steel faceplate.



FIT-80

MFT / MFR Series — Panel Inserts for Nortel Enclosures

Designed to replace components for earlier Northern Telecom enclosures.



MFT-30

DTT / DTR Series — Industrial Telephones

Safe, reliable communication in industrial areas that are prone to harsh environments, where standard phones are not suitable. The highly durable weatherproof IP66 enclosure can be user configured for either desk or wall mount. DTT models have a hands-free speaker phone and can be programmed for speed dialing. Lift a DTR Ringdown Telephone handset and the autodialer (if required) routes the call to its assigned location. Configurable for Desk or Wall Mount. Weatherproof IP66



DTT-50



DTR-51

SCT / SCR Series — Steel Compact Telephones

Reliable, high-quality communications in moderately harsh environments where standard telephones are not suitable. Circuitry is water and dust resistant and will endure high usage in damp or corrosive conditions.



SCT-30



SCR-41

ANALOG HAZARDOUS INDUSTRIAL TELEPHONES

WRT-H / WRR-H & WRT-HD / WRR-HD Series — Hazardous Telephones

Water and weather resistant, the WRT-H/-HD series is designed for Hazardous Areas. Encapsulated circuitry is impervious to water condensation & dust. WRT-H Series — Class I, Division 2, Groups A, B, C and D. WRT-HD Series — Class I, Division 2, Groups A, B, C and D; Class II, Division 1 and 2, Groups E, F and G. WRR-D Series — Class I, Division 2.



WRT-30-H



WRT-20-H & WRT-20-HD

WTT-H / WTR-H Series — Hazardous Water Tight Telephones

Class I, Division 2 Hazardous Area telephone with a Type 4X & IP66 enclosure.



WTT-30-H

SCT-H Series — Hazardous Steel Compact Telephones

Engineered to deliver reliable, high-quality communications in hazardous environments. Designed for use in industrial applications and ideal for noisy areas. Class I, Division 2.



SCT-10-H

ANALOG HAZARDOUS ATEX-IECEx TELEPHONES

Economical and effective Zone 1 and Zone 2 protection

Guardian ATEX-IECEx phones have a temperature range of -30° C to +60° C (-22° F to +140° F) and an IP66 Ingress Protection Rating.

Zone 1 DTT-Z / DTR-Z / Series Telephones

ATEX Zone 1 certified products provide safety and protection in atmospheres where a mixture of air and flammable substances in the form of gas, dust, vapor or mist are likely to occur frequently or for long periods. ATEX Zone 1, Zone 21 approved - T5 & T6 rated.



DTT-Z



DTR-Z

ANALOG EXPLOSION PROOF TELEPHONES, RINGERS & SPEAKERS

EXT Series — Explosion Proof Telephone

Provides safe and reliable communications service in Class I and Class II Division 1 areas. EXT-401 — Oversized buttons for gloves-on operation



EXT-401

EXT-401 — shown with CE20 Line Powered Explosion Proof Ringer and backplate

CE20 — Line Powered Explosion Proof Ringer

For use indoors and outdoors in hazardous areas where flammable gases, vapors or dust may be present. Class I, Division 1, Groups B, C and D



CE20



CE20 — with projection horn

SR40/SR60 — Explosion Proof Speaker, Ringer & Speaker/Ringer

A loudspeaker for paging applications, loud ringer to signal incoming phone calls, or both functions can be combined in one device. Class I, Division 1, Groups B, C and D



SR40/SR60

ANALOG EMERGENCY TELEPHONES

HDE Series — Heavy Duty Emergency Telephones

HDE Analog telephones provide a two-way link to assistance through full-duplex phone transmission. Hands-free units that work in harsh conditions including extremely cold weather, rain and noisy environments. Designed for use in high ambient noise areas found in transit facilities and public locations including campuses and factories requiring a telephone critical to public safety or security. Hearing aid induction loop option available.



HDE-30



HDE-20

ANALOG CORRECTIONAL TELEPHONES

CIT / CIR Series Correctional Telephones

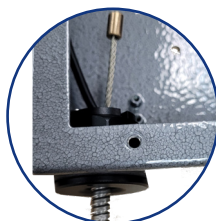
Guardian Telecom Correctional Institute Telephones are engineered to provide reliable communications in locations that house inmates and are prone to abuse and vandalism. With reduced length armored cords, faceplate secured with vandal resistant screws, high impact ABS handset with lock on caps.



CIT-40



CIR-41



New improved swivel on the CIT / CIR enhances the ruggedness and durability of the armored handset cord.

EMERGENCY & ASSIST HELP POINT PEDESTALS

OGP-Series — Help Point Pedestals and Wall Mounts

Guardian's OGP (On-Guard Protector) RANGE of Heavy-Duty Emergency Industrial Help Point Telecommunication Devices and Housings (Pedestals and Wall Mounted), combined with Guardian's HDE Series of Analog and VoIP Help Point hands-free devices are intended for use in public areas where direct / emergency assistance or hands-free communication is required. Supports mass notification. Fiber media converter option available.



OGP-10



OGP-20

In2iT Guardian Telecom's NEXT GENERATION IN-PLANT COMMUNICATIONS SYSTEM

The system consists of the System Control Frame (main communications system rack) with the end point communication devices (talk stations, paging amplifiers, signaling devices, etc.). End Point Stations can be individually wired to the system cabinet or wired from station to station to reduce cabling requirements and integration costs.

- A/B Architecture
- N+1 Architecture
- Central / Distributed Paging
- Standardized Main Distribution Frame (MDF) for wiring ease
- 12 Zones Standard (Expandable to 60)
- Hot swappable Zoning Modules
- 32 Alarm Inputs
- Alarm Priority Reconfiguration without re-wiring
- Software Configurable
- Secured System Management
- Multiple Security Levels (administrator, operator & service)
- to tailor feature access as needed
- Remote Diagnostics and Monitoring
- Remote Speaker Tapping
- Supports both IP and Analog Endpoints



CUSTOM SOLUTIONS

Customization

At Guardian Telecom "Customization" has many meanings, from the modification of existing products to the use of color, graphics, features, parts or labeling right up to the development of completely new products. Our fully qualified network of representatives and distributors work directly with you to understand your requirements, interface with the Guardian Telecom design and engineering teams to carry out an analysis and then recommend solutions to meet your needs.

Customization Examples:



Colors, Graphics & Labels, Parts & Features, Housings & Enclosures

Guardian has experience fabricating housings, cords, handsets and other parts in a wide variety of colors from blues, oranges, greens, reds, black and many more.

Apply your organization's branding, include additional languages, highlight important messages, instructions or equipment function using custom graphics, symbols, embossing, labels and decals.

Custom design might include adding parts or features to models that don't normally include them or removing them to put limitations on an existing model.

There may be a need to create an enclosure to house existing hardware that offers the features that meet your needs for size and shape.

PTI — Page/Talk Indoor Endpoint

Easy to operate paging. Select from eight different configurations including five talk lines, ambient noise level sensor. IECEx Zone 2 rated.

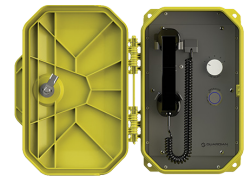


Five talk lines with ambient noise sensor

**also available with optional flush mount kit*

PTO — Page/Talk Outdoor Endpoints

Water/dust tight, Type 4X (IP66) enclosure. Eight different systems with five talk lines, ambient noise level sensor. IECEx Zone 2 rated.



Five talk lines with ambient noise sensor

**also available with optional flush mount kit*

PTD — Page/Talk Desk Endpoint

Provides easy to operate paging in a desk/wall mountable format.

Select from systems with five talk-lines.



PSA — Page/Talk Speaker Amplifier

Add extra speakers without the need for a paging station.



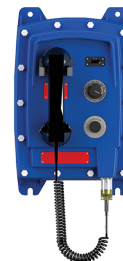
Extremely durable Thermoplastic -resin enclosure for outdoor applications, Type 4X (IP66)

** also available with indoor housing.*

In2iT EXPLOSION PROOF ENDPOINTS

EXP — Page/Talk Explosion Proof Endpoint

Designed for IECEx Zone 1 rated areas. Includes five talk lines. Type 4X (IP66) enclosure.

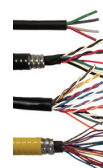


EXP-A — Page/Talk Explosion Proof Speaker Amplifier

Designed for IECEx Zone 1 rated areas. Type 4X (IP66) enclosure.



In2iT SYSTEM CABLE



Page/Talk System Cable

Standard Guardian cabling types include single or multiline plus speaker in armored or non-armored varieties. Customized system variations that require special cable configurations are also Guardian supplied. CSA approval for hazardous areas available.

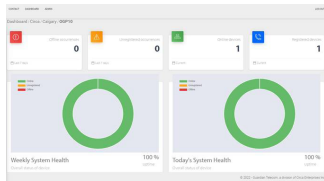
iGuard ENDPOINT MONITORING

iGuard is an encrypted, cloud-based platform that allows you to configure, monitor and maintain deployed Guardian endpoints. Just a few of the features include:

- Near real time device monitoring
- Event Tracking
- Notifications (email & SMS)
- Registration Status
- Historical database
- API - Genetec, Informacast



iGuard Reports on all your Guardian endpoints are easily exported into CSV or Excel formats for you to review/store and third-party integration to CCTV systems, etc. allows for insight into any usage of the devices which can help should there be a need to have an image on file as well.



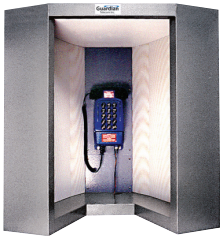
Features	
Guardian SIP Device Monitoring (Real Time)	✓
Events/Warning Trending	✓
Notifications (Email & SMS)	✓
Semi-Automated Configuration of SIP Devices	✓
Reports exportable (CSV & Excel)	✓
Third Party Integration (API)	✓
Cloud Based Platform (always current)	✓
Unlimited users	✓
Gateway (included)	✓
Security	256-bit Advanced Encryption Standard (AES) encryption 99.999%
Lifetime	

ACOUSTIC BOOTHS

Guardian Acoustic Booths

Enhanced communication in areas with high levels of background noise. Each Acoustic Booth can be fitted with a Guardian Telecom telephone suited for specific needs and depending on the model can be equipped with a variety of accessories including interior lights, strobe lights, ringers and speakers.

AB-100
— Sheet aluminum.
Noise Attenuation of
up to 24 dB



AB-1000 — Glass reinforced plastic.
Noise Attenuation of up to 25 dB with the new high
performance polyurethane acoustic liner



Depending on the model, accessories
can include interior lights, strobe
lights, ringers and speakers

LOUDSPEAKERS AND RINGERS

Loudspeakers and Ringers

Guardian Telecom manufactures, supplies and distributes a wide selection of Explosion Proof, Hazardous Area, ATEX and General Area Loudspeakers & Ringers from leading manufacturers around the world.

Guardian trained and qualified personnel work with customers to specify individual product or total project solutions and make informed purchasing decisions based on budget, technology, applications and relevant standards.



THE GUARDIAN TELECOM ADVANTAGE

Industry Leading 5-Year Warranty

As a reflection of our unwavering commitment to quality, Guardian Telecom offers our industry leading 5 year warranty, so you have complete peace of mind. Guardian Telecom products are engineered from the ground up to work reliably and last, especially in the roughest weather, toughest applications and most extreme environments. Our products are built to last.

Value

Guardian Telecom competitively priced products have added value for you. Because our products are built to last, require less repairs and will keep working in the most difficult conditions, you save money in the long term. No costly repairs, no expensive downtime, no replacing broken telecom equipment; the result, your net operating costs will go down. Guardian Telecom is cost effective.

Experience Counts

Guardian Telecom brings you a great deal of industry knowledge and experience because we've worked with all types and sizes of businesses. We understand that different industries have unique needs, and the solution you need is not just another commodity.

Custom Solutions

The key to Guardian's growth is our commitment to working closely with customers and responding to their needs, instead of trying to shoe-horn products that do not fit. In fact, the customization of products and the development of new products, has been one of the cornerstones of our customer focus which continues to this day.

Knowledgeable People

We know that to help you succeed, we must keep pace with the changes and challenges you face daily. To do that we believe we have the best, the most experienced and the brightest personnel available in sales, manufacturing, engineering and customer service in this market. We are experts at what we do for you.

Made in Canada

We've been proudly building Guardian Telecom products in Calgary, Alberta, Canada since 1987. Manufactured in our modern, ISO certified, CSA, UL and ATEX approved, state of the art facility, Guardian telephones meet or exceed the approved standards and requirements for the environments they are designed for. Our manufacturing team boasts the ultimate commitment to safety, quality and your satisfaction.

Your Results

Our advice is expert. To receive what you need; in fact, what you want, you can trust Guardian Telecom. We know your industry, and we are dedicated to serving our customers unique needs through our standard, customized and valuable solutions. And our proven track record of success means that you will receive the results you are looking for.

TELEPHONE ACCESSORIES & ENCLOSURES

Enhance or Replace Telephone Components

- Vandal & Weather Resistant Instrument Enclosures
 - WTE-100 — CSA Type 4X (IP66) Thermoplastic Resin enclosure. Weather resistant, lightweight, yet highly durable, fire rated, impact and UV resistant material
 - ACE-100 — Type 3R, powder coated cast aluminum weather proof enclosure
- Ring Detect Relays & Off Hook Relays. Optional Weather Proof and Explosion Proof Relay Enclosures.
- Advanced Speaker-Phone/Ringdown Circuit Board Kits





tough. trusted. true.



GET THE GUARDIAN TELECOM ADVANTAGE!

Guardian Telecom products come with an industry leading 5 year warranty. Don't accept anything less.

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