



DUSTRON

INDUSTRIAL COMMUNICATION APP



KEY FEATURES

- Use your mobile device as mobile intercom station fully integrated into the network
- Can be used in Ex areas with suitable hardware
- "Mobile Control Center" on the go
- Intercom and PA/GA functions can be used from anywhere you want
- PTT communication via display or hardware buttons
- Support of (bluetooth) headsets
- Control and maintenance functions
- Group communication
- Facilitates system maintenance and troubleshooting due to immediate and detailed fault messages

FUNCTIONS

- Intercom & public address
- Alarms & warnings
- Control functions
- Support for maintenance and commissioning
- Replay of stored announcements
- Contacts & call history
- Integrated security features

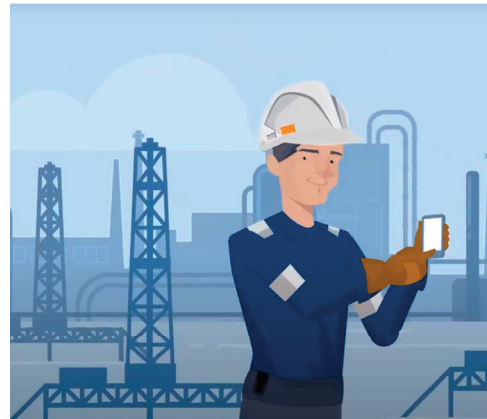
DUSTRON - MADE FOR INDUSTRIAL INTERNET OF THINGS

- Easy integration into existing network
- Mobile communication / announcements from anywhere you want
- Inform / communicate quickly and securely
- Monitoring and control
- Maintenance functions for the system and the corresponding components

USE CASES

COMMUNICATION ON THE GO

- Intercom and PA/GA functions can be used from anywhere you want
- Establish a direct connection or a group call to several targets via Push-to-Talk (PTT)
- Establish voice connections to all INDUSTRONIC terminal devices
- Suitable for indoors, outdoors and Ex areas
- Have your contacts always with you
- Flexible communication (use of headset possible)
- Use it as an alternative to mobile radio

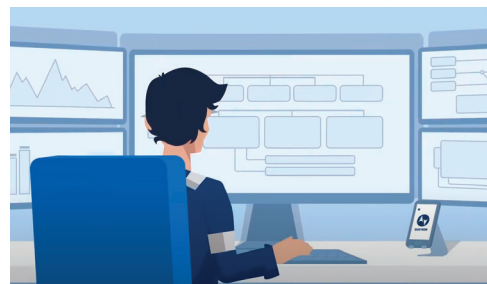


ALARMS & WARNINGS

- Quickly trigger, delete or just display alarms while on the go
- As the situation requires make live announcements or override an alarm (Voice-over-Alarm) at any time
- Reach on-call or emergency services outside the company premises

CONTROL FUNCTIONS

- Full control center functionality available - use the app as "mobile control center"
- Control functions
Examples of control functions would be to grant access, switch on ventilation or shut down system components



SERVICE & MAINTENANCE

- Facilitates the maintenance and commissioning of INDUSTRONIC systems
- Check system states conveniently on the smartphone from anywhere in the plant
- View fault and error messages on the display so that you can respond immediately and reduce downtimes
- Speaker circuits in the field can be leveled by adjusting the amplifier output power



PUSH-TO-TALK VIA SMARTPHONE



Push-to-Talk (PTT) increases efficiency, ease of use and productivity when working in harsh industrial environments with dirt or dust and hazardous areas. Moreover, communication on the go can even be more convenient by using a (bluetooth) headset making it easier to conduct private conversations.

In addition to the PTT buttons on the display, many industrial smartphones* are also equipped with PTT buttons on the outside of the housing. Assign an individual function to each button via DUSTRON. This allows you to easily and conveniently establish pre-defined voice connections to your favorite targets. Accessories for PTT applications can also be connected.

The externally visible hardware buttons can individually and freely be configured. With a push of the button, the desired function is executed.

It can be that simple:
Push the button and start talking!



FREELY CONFIGURABLE BUTTONS

If a button is individually configured, any desired function can be assigned. This may be a group or all call, a voice connection to the control center or the Page & CallBack function.

SMART TALK

If the Smart Talk function is assigned to the button, it is always the last executed function that is stored. If, for example, a group call was established recently, you can re-establish this group call as soon as you press the button on the smartphone again.

SECURITY FEATURES

In order to prevent unauthorized access to the DUSTRON app, there are several integrated security features by default:

- Security prompts prevent the unintentional triggering of alarms.

PUSH-TO-TALK CONNECTIONS

If a button is assigned with a push-to-talk connection, pressing the button on the smartphone establishes a direct connection to the specified target, e.g. the control center or a field intercom station.

- Different roles enable individual user interfaces and role-dependent functions.
- The role assignment can be protected by PIN.

*only for supported Android-based terminal devices

DUSTRON ACTIVATION PACKAGES

DUSTRON COMM

- Activation of all communication and PA functions
- Unlimited number of call buttons can be configured
- Dial keypad possible
- Contacts & call history



Type Number 101-201-301

DUSTRON CONTROL

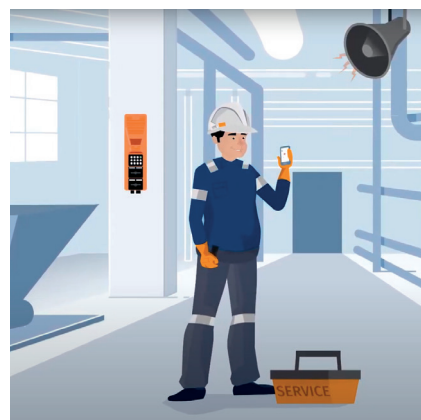
- Activation of all communication, PA/GA and control functions
- Unlimited number of buttons can be configured
- Dial keypad possible
- Contacts & call history
- Triggering of warnings and alarms



Type Number 101-201-302

DUSTRON SERVICE

- Activation of all communication, PA/GA, control and maintenance functions
- Unlimited number of buttons can be configured
- Dial keypad possible
- Contacts & call history
- Triggering of warnings and alarms
- Extended system status and fault message view



Type Number 101-201-303



DUSTRON ACTIVATION PACKAGES

PICK YOUR FAVORITE PACKAGE



INDUSTRONIC provides different activation packages. Furthermore, you can later add new features and thus upgrade to the next higher package.

We also offer a demo version allowing you to test the functions of the app in advance for a specified period of time.

Contact us for further information.

DUSTRON DEMO

- Test all functions of the DUSTRON app for a duration of 4000 operating hours

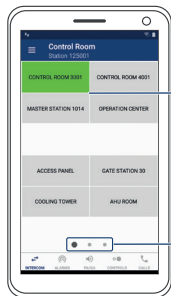
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OVERVIEW OF DUSTRON ACTIVATION PACKAGES

	DUSTRON COMM	DUSTRON CONTROL	DUSTRON Service
Communication functions	✓	✓	✓
Free button configuration	✓	✓	✓
Dial keypad	✓	✓	✓
Contacts and call history	✓	✓	✓
Public Address (PA)	✓	✓	✓
Warnings and Alarms (PA/GA)		✓	✓
Control Functions		✓	✓
Maintenance functions			✓
Extended fault message view			✓

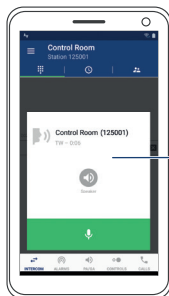
USER INTERFACES (TABLET USER INTERFACES SIMILAR)

COMMUNICATION FUNCTIONS

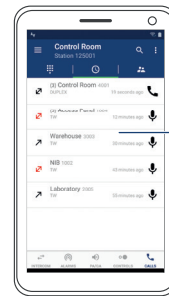


PTT buttons (freely configurable)

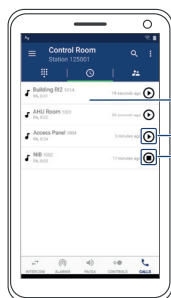
Change to other views



Speak function (e.g. Two-way connection)



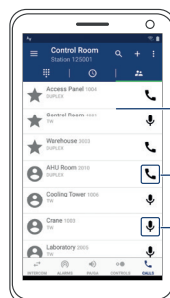
Call list (incoming/outgoing calls)



Stored announcements

Replay announcement

Stop replay of announcement

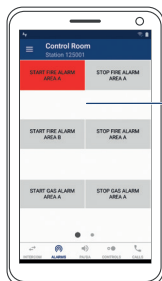


Contacts

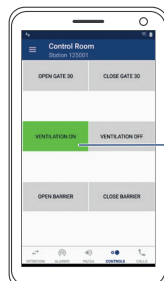
Duplex connection

Two-way connection

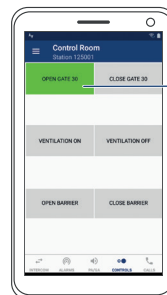
ALARMS & CONTROL FUNCTIONS



Start/stop alarms

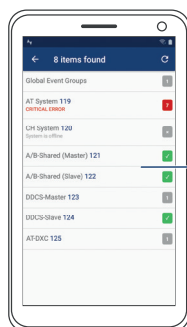


Control functions (e.g.: ventilation on/off)

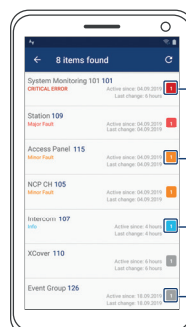


Access control (e.g.: open/close gates)

MAINTENANCE FUNCTIONS



Commissioning and maintenance functions



Critical fault

Minor fault

Information

Active/inactive

TECHNICAL REQUIREMENTS

To be able to use the app to its full extent, you require the following:

- INTRON-X / INTRON-D *plus* from software version 7.3.0
- Android®: Smartphone / tablet from software version 5.0.0, can be downloaded via Google Play
- iPhone® / iPad® from software version 12.2, can be downloaded from the App Store
- Alternatively, install it via your company's mobile device management
- DUSTRON Push Gateway Software (for iPhone / iPad)
- Configuration with the Config Manager from software version 4.9.0
- Support of UDP, TCP and RTP protocols

NETWORK REQUIREMENTS

The app can be connected via Wi-Fi, a public or private 4G/5G mobile network:

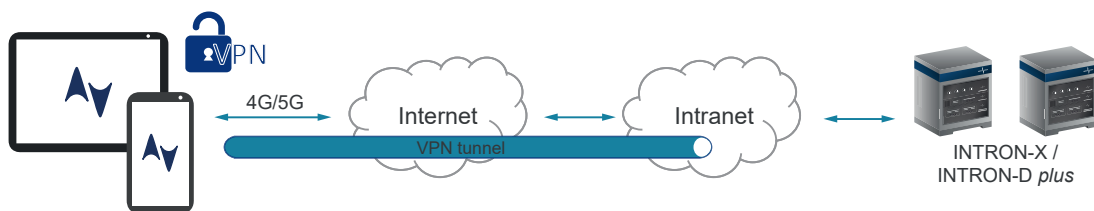
CONNECTING DUSTRON TO A CORPORATE NETWORK VIA WI-FI:

- Mobile device is directly connected to the corporate Wi-Fi.
- You can directly access the INDUSTRISTRONIC system via Wi-Fi and the corporate Intranet.



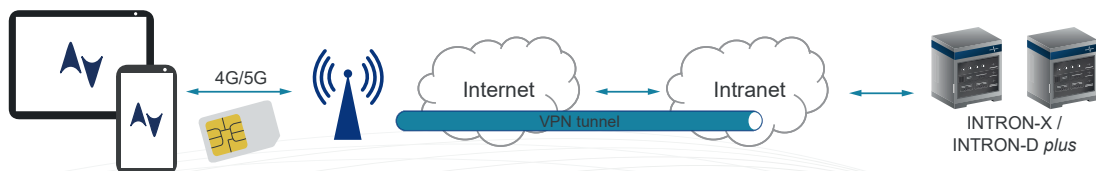
CONNECTING DUSTRON TO A PUBLIC 4G/5G MOBILE NETWORK :

- Mobile device is logged into a public 4G/5G mobile network.
- You can access the INDUSTRISTRONIC system via public Internet.
- For security reasons, we strongly recommend establishing a connection via a secure VPN tunnel.
- The VPN tunnel runs directly from the mobile device to the corporate Intranet.



CONNECTING DUSTRON TO A PRIVATE 4G/5G MOBILE NETWORK:

- Mobile device is logged into a private 4G/5G mobile network.
- Using a special SIM card from the provider, you can access the corporate Intranet.
- The provider establishes a secure VPN connection to the customer via the Internet.



YOUR BENEFITS AT A GLANCE



Push-to-Talk group communication as an alternative to mobile radio



Remote triggering of alarms



Flexible and safe communication throughout the entire plant



Replay of recorded announcements



Control function e.g. for access control



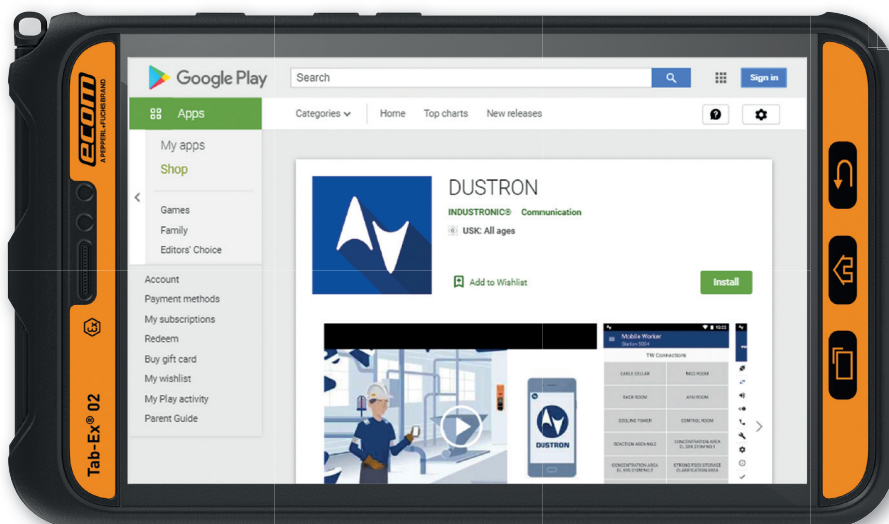
Complete range of functions also in Ex and outdoor areas (suitable equipment available)



A Push-to-Talk hardware button on the mobile device can be freely configured with any function



Support of (bluetooth) headset for all communication functions



Images of the mobile devices are exemplary.
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 Apple and the Apple Logo are registered trademarks of Apple Inc.