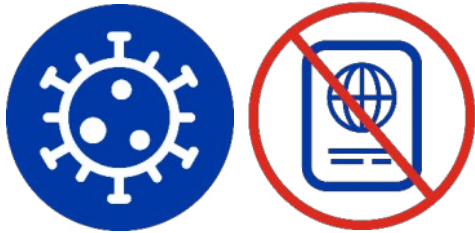




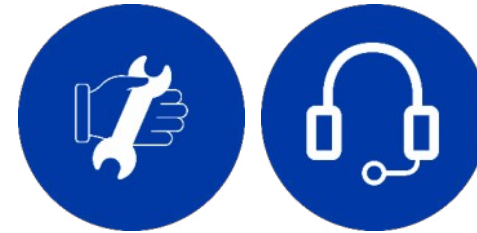
UP! Remote Support **Digital Services from Burckhardt Compression**

Winterthur | November 2022

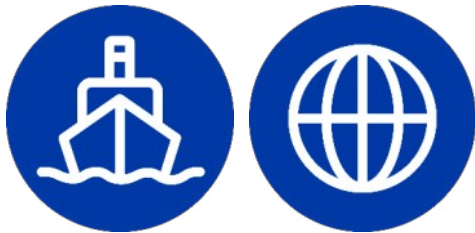
Why UP! Remote Support?



Crisis proof
no matter if travel is banned
or quarantine is a rule



Immediate support
from the compressor
experts

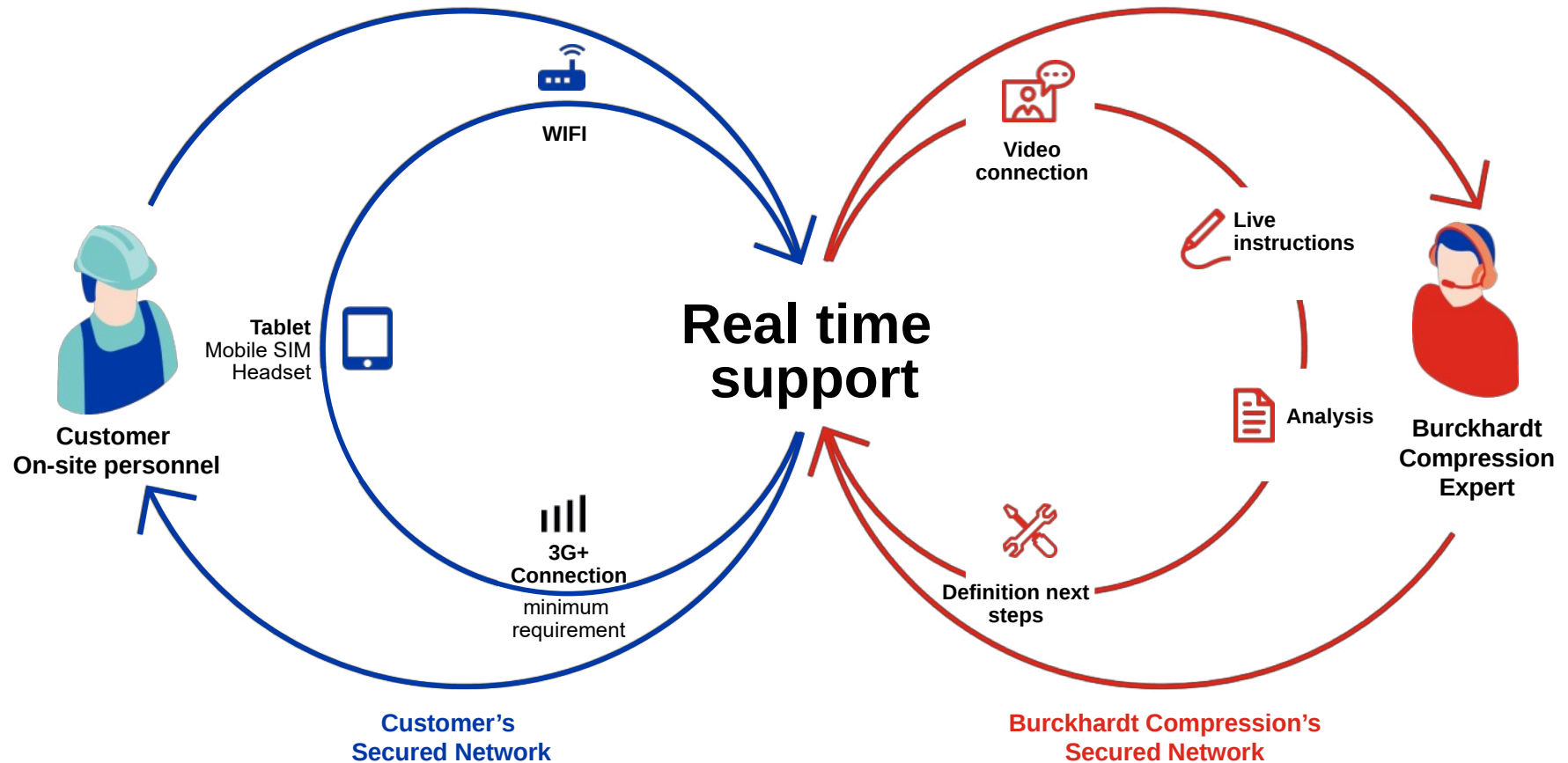


Total flexibility
wherever you are



Cost savings
by eliminating travel cost

How to use UP! Remote Support



Where is UP! Remote Support relevant?

Remote locations



Complex installations (prefer direct contact to OEM experts)



Lack of on-site expertise



What is UP! Remote Support?



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DYNAMICS 365

Remote Assist

ATEX certified

- Basic training for MS Teams
- +
- (if required) and UP! Remote Support
 - Mobile SIM card (optional)

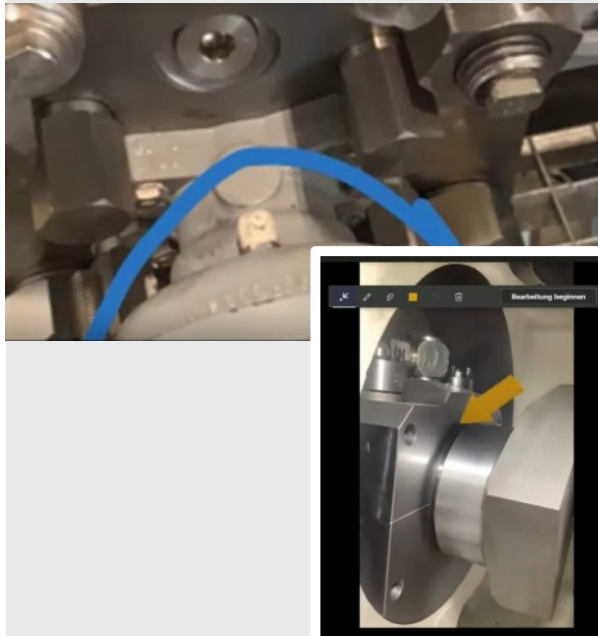
What features does UP! Remote Support have?



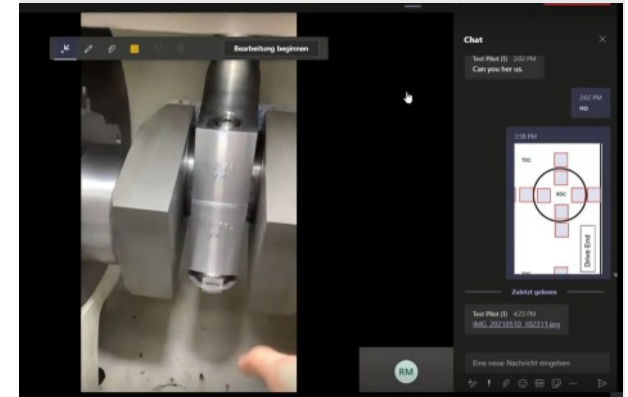
Video connection



Real time instructions



MS Teams functionality



- Chat
- File exchange
- Recording

Use cases for UP! Remote Support



Pre-inspections

Visual check of tools, spare parts and operating condition prior to an intervention



Health checks

Guided assessment of equipment condition, through pre-determined checklists



Troubleshooting

Identification of technical issues through remote expert analysis



Service interventions

Remote supervision of planned interventions on equipment

Case example - pre-inspections

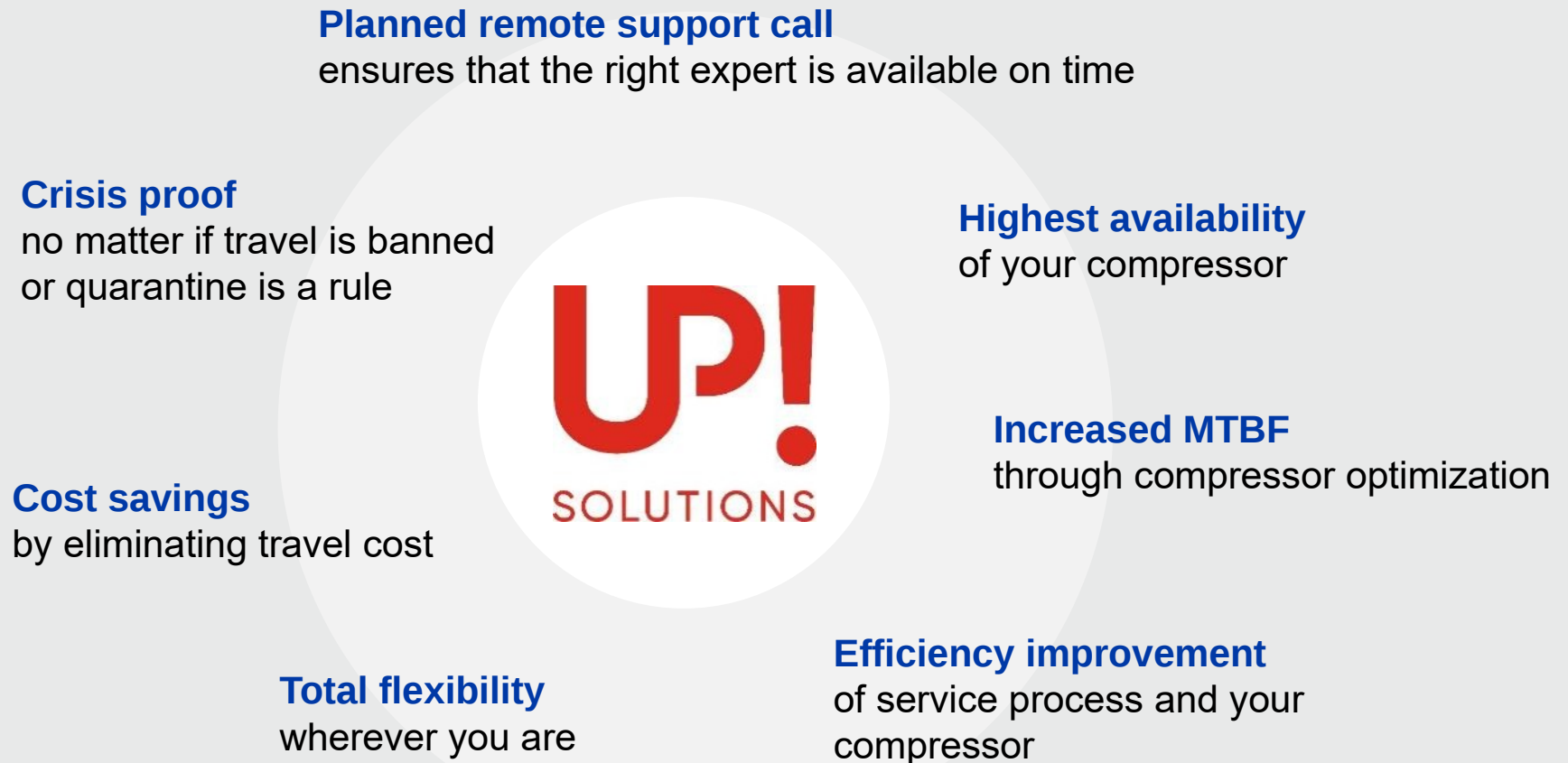
How can UP! Remote Support secure the overhaul budget?

- Prior overhaul activity
- Scheduled pre-inspection of your site, spares stock and compressor conditions
- A joint virtual plant tour to ensure the overhaul readiness
- Timely start of the overhaul
- On site personnel can work under safe condition and according to schedule
- Exceeding of the overhaul budget is minimized



Your benefits

Rely on our digital services



Thank You!



We love to provide services that matter. Hands-on.



Contact us

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8404 Winterthur, Switzerland
Phone: +41 52 261 55 00

Email:
info@burckhardtcompression.com

www.burckhardtcompression.com



Burckhardt Compression

Compressors for a Lifetime™

Burckhardt Compression – Our vision

***“We are
customers' first
choice for
gas compression
solutions across
the entire product
life cycle.”***

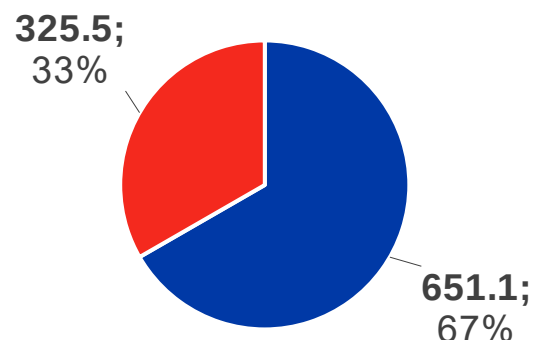


Burckhardt Compression – FY 2021

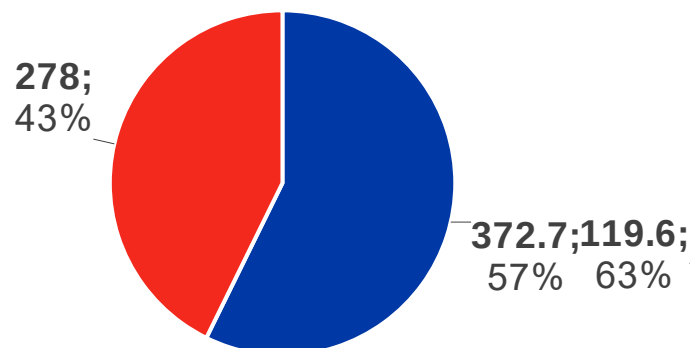
Milestones

- 1.5 million operating hours with Laby®-GI compressors
- Economical and ecological oil-free hydrogen compressor
- Record orders for hyper compressors and industrial gas compressors for the solar panels industry

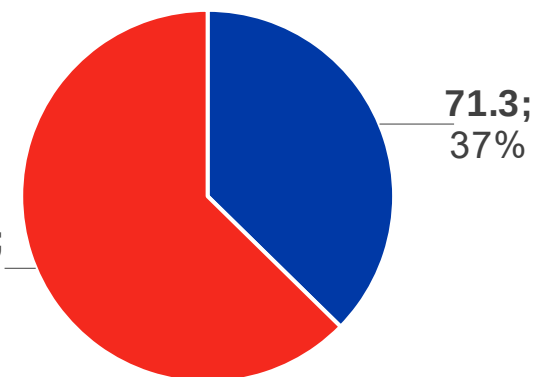
Order intake (in Mio. CHF)



Sales (in Mio. CHF)



Gross profit (in Mio. CHF)



■ Systems Division ■ Services Division

We are your partner for high-performance compression solutions. Globally.

We develop reliable, high-performance compression solutions in a partnership with our customers, having the strongest product portfolio in the industry.

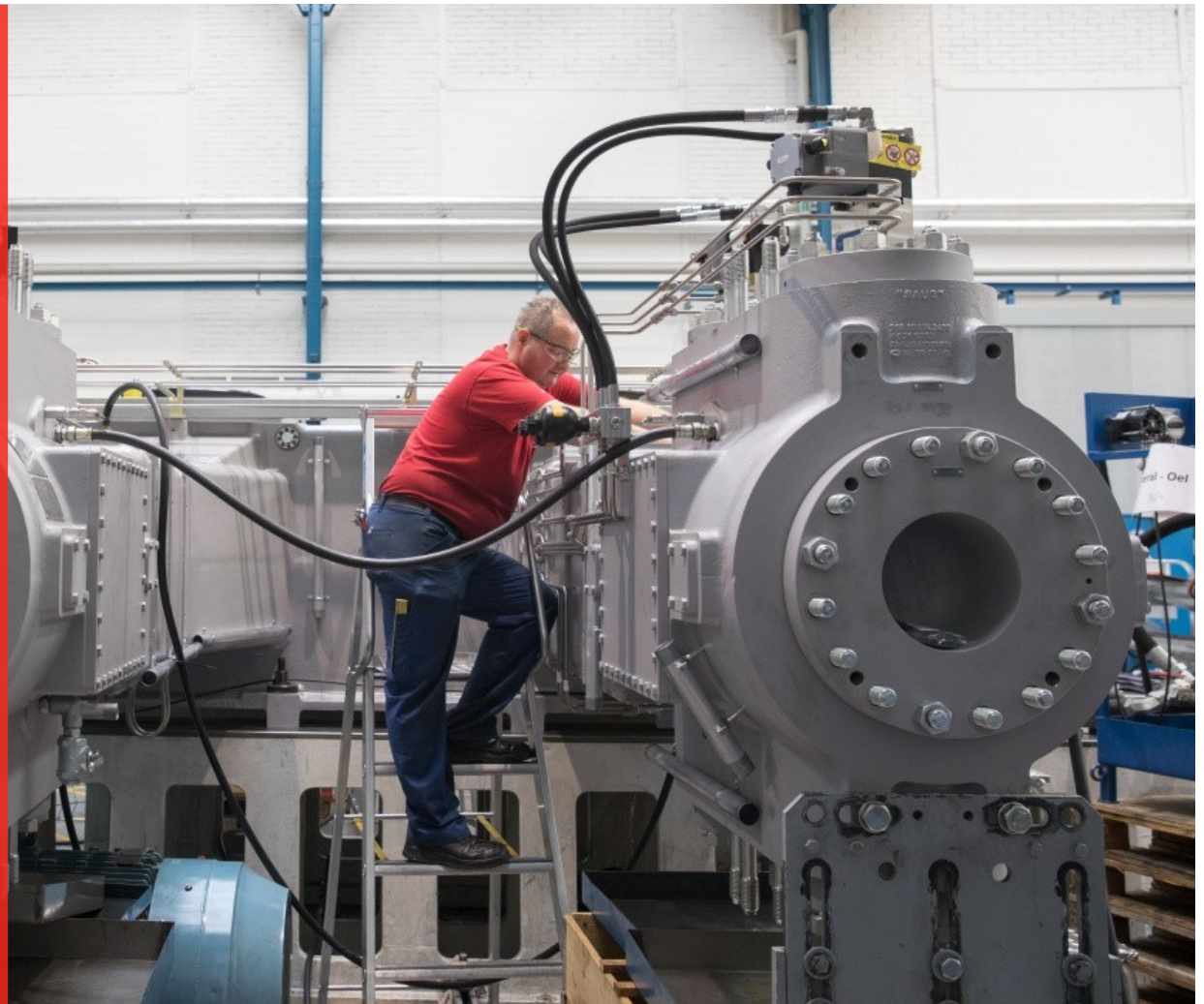
We handle projects in a collaborative manner, with competence, efficiency and speed.



We love to provide services that matter. Hands-on.

We offer the full range of services for your compressors throughout the entire life cycle – regardless of brand, application or issue.

We do everything to keep your compressors running as efficiently as possible. Anywhere in the world. At any time.



UP! Remote Support



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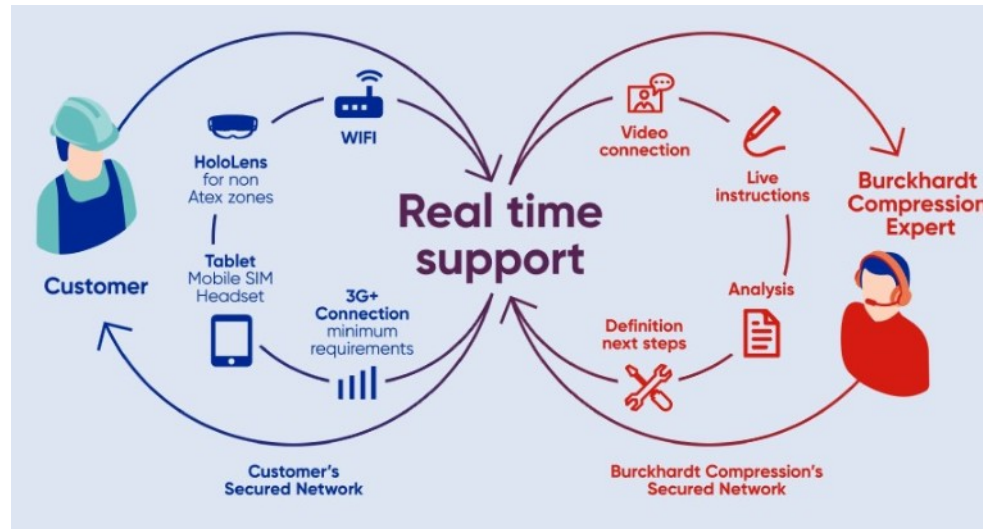


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DYNAMICS 365
Remote Assist

ATEX Certified



Use Cases

Pre-inspections

Health checks

Troubleshooting

Service interventions

UP! Remote Support hardware



Technical information

Voltage: 100-240 Volt (charger)

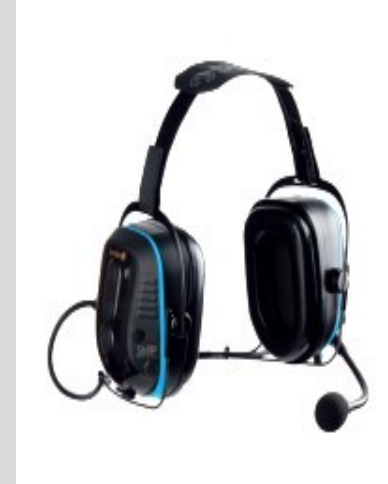
Frequency : 50/60 Hz (charger)

Colour : Aluminium Dimensions 25 x 18.5x 3.3 cm

Weight: 1150 grams

ATEX: Zone 1, II 2G; db IIC T4 Gb

IECEX: Zone 1, II 2G; db IIC T4 Gb



IP Rating IP54

Battery type: rechargeable - lithium ion, capacity 2250 mAh

Operating & charge time: 18 hours (wireless with Bluetooth/short range activated), charge time: 4 hours

Charging temperature: 0°C to +40°C (32°F to 104°F)

Voice Transmission: Boom microphone – noise cancelling

Bluetooth: Bluetooth® 3.0: HFP (8KHz and 16KHz), HSP, A2DP, range 15 meters

ATEX: I M2 Ex ib I Mb (-20°C ≤ Ta ≤ +60°C)

IECEX: II 2G Ex ib IIC T4 Gb (-20°C ≤ Ta ≤ +40°C), II 2D Ex ib IIC T155°C Db (-20°C ≤ Ta ≤ +40°C)



**For more information about our
UP! Solutions visit:**

<https://www.burckhardtcompression.com/up-solutions-clever-digital-solutions/>

UP! Remote Support at a petrochemical site

Cost and time savings

Customer was very happy with the digital support and acknowledged the cost and time savings.

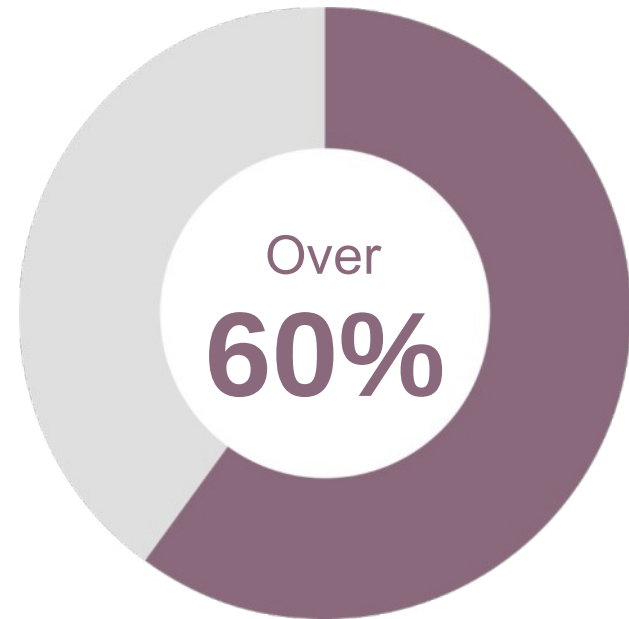
UP! Remote Support actual cost:

- 14 workdays
- 4 manhours per workday of expert support
- Rental of iPad and headset

vs

Traditional FSR intervention estimated cost:

- Travel cost (air fare, accommodation, etc.)
- Cost of permissions
- Cost of FSR 8 manhours per workday



Over 60% costs savings achieved through remote support