

World-Class Quality Alarm Systems the HTC Way



BXO | LAS



We are HTC

HTC specialises in innovative communication & security technology solutions for the health and aged care sectors. We are more than a technology provider. We work hard to understand your business so we can deliver long-term, workable solutions that will make a real difference to the success of your business and the level of care and security you can offer.

Our Clients' Needs

Clients are often seeking improvements to their operations by upgrading existing nurse call systems, streamlining the reporting process and unifying the messaging escalation times of their staff.

Why Work with Us

We are the official APAC Distributor of the BXO LAS Software. We are professionals who consistently deliver quality outcomes on time and when needed. Our commitment to quality is displayed by our proven quality assurance systems. We are experts in the aged and health care sector, continually delivering the latest technology through our consistent and uncompromising adherence to compliance, quality and performance.



How BXO LAS Works

Most of the customers have a common problem: bought, developed aged care facilities with disparate ages. This also means disparate nurse call systems with different reporting and messaging structures.

We lay LAS over the top of each one of those nurse call systems without the need to replace it which enables us to give a standardized and unified reporting and messaging system.

We have our own development team that develops the software interface and special codes specific to the customer's needs. We also have our own support team that ensures the LAS is up and operational 24/7.

The LAS has a dashboarding interface that takes data from every site report including details such as escalation times, nurse call times and excessive response times. This enables the customers to do a site-by-site analysis to see who is performing well or poorly.

Scheduled reports are also available which can be sent automatically to regional or general managers to inform them about how a particular facility is performing in that given period.

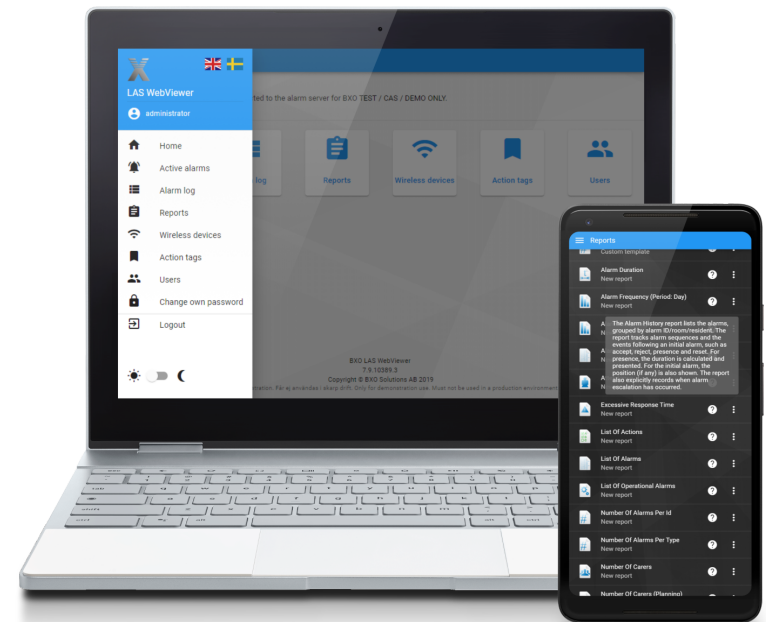
Improved Features with BXO LAS 7.9

This new release brings several improvements and new features for our users in manufacturing industry as well as care. In all areas, we see that security awareness is increasing. Being able to operate their solution for business critical communication entirely in their own environment is becoming increasingly important.

In this release, we have, among other things, developed a new system for secure login with NFC tags, made off site backups freely available to all and added support to set up a password policy.

For our industrial customers, we have improved OPC support and added features for indoor positioning via WiFi and BLE.

- Higher security through two-factor authentication, where, in addition to their password, you also need a "second factor" to identify themselves, e.g. and an NFC tag.
- New interfaces: SIA DC 09, Ping (ICMP, UDP, TCP), CSTA.
- Indoor positioning that combines WiFi and Bluetooth (BLE) for more reliable positioning in case of indoor personal alarm





The Advantages of Adding Blockchain Features to BXO LAS

Back in 2016, when we released BXO LAS 7.0, we transitioned away from old school SQL databases to a new event sourced model that was originally created for high volume financial transactions.

Information is stored as a sequence of blocks in an append-only cryptographically secured journal. This helps ensure that the **data cannot be tampered with**. It has also **resulted in total and guaranteed traceability**.

Other benefits include improved reliability and a nearly four orders of magnitude improvement in alarm processing speeds. It was also a necessary step towards being able to introduce distributed consensus support in LAS 8.0. This allows for features such as remote real-time replication (#RRTR) and automatic failover.

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Critical Communications and Interoperability Solution

Our Expertise in Critical Communications Mission Critical Alert and Event Management

We deal with Mission Critical Alert and Event Management. Our offering is built around our LAS platform, a control system that integrates almost any alerting and messaging product on the market. Part of the solution is a unique push notification service that can run on prem as well as in a private or public cloud. We have clients in wildly different fields ranging from elderly care and hospitals to steel and oil industry.

Mobile Alarm Management

- Based on our Secure Notification Service
- Available for Airbus Tactilon Dabat
- Works on most Android devices

Security by Design

- Can be used on prem, in isolated air-gapped networks
- Block chain technology ensures data integrity
- RAFT clustering possible for high availability through redundancy



TETRA Alarm Management

Alarms sent into LAS can also be distributed to TETRA terminals. LAS can also process incoming SDS messages from terminals.

We create solutions for integration and messaging between almost everything, and this includes TETRA. Our control system BXO LAS is cabintegrate TETRA terminals with all the other systems it supports.

Who We Serve

- Manufacturing industry
- Mining operations
- Home care - receive nurse call alarms

Alarm Management

- Alarm distribution to TETRA terminals and digital PMR
- Alarm transmitters for TETRA and digital PMR
- Alarm transmitter with speech support for TETRA
- Alarm management and integration

Messaging

- Sending/broadcasting free text messages
- Sending/broadcasting predefined messages
- BXO WMI - messaging from web interface or PC client