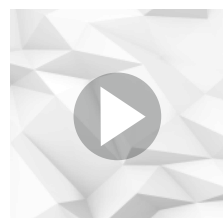# Feeling in control
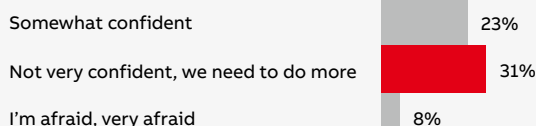## Boosting cyber security confidence with System 800xA

A recent webcast covered how to more fully utilize cyber security capabilities built into **ABB Ability System 800xA**, and other things to consider for enhanced security.

Watch now

Confidence usually comes from the feeling of being in control. Unfortunately, many of us don't feel we are in complete control of some things, such as cyber security for our control system.

This was evident during a recent live, call-in webcast, on taking advantage of cyber security built into and available for System 800xA. Attendees were surveyed "How I am that my system is adequately protected against internal/external threats" was posed to the audience, and their answers are shown below. Most indicated they felt that they should be doing more.
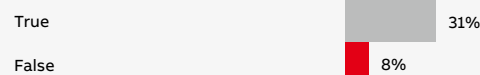
What can help automation users feel more in control is having a plan and lining up the resources needed to accomplish it. ABB Ability System 800xA has its users covered on this front with features such as system hardening and component testing. In addition to what is included with System 800xA, ABB's Advanced Digital Services team can perform a Cyber Security Fingerprint. This system audit and analysis will give you a comprehensive view of the current state of your site's level of cyber security protection. A detailed report includes vulnerability findings, with recommended remeditation, which can provide a solid foundation for building a cyber security strategy.

In control of access control
When incidents happen, and you try to deduce exactly who did what from where, you need to have a solid audit trail to decipher what actually happened. Without good user management, this will be very difficult to achieve.

We have tight reins on user account management (individual log-on for each operator, engineering and maintenance person) and manage it regularly

True	31%
False	8%

How confident I am that my system is adequately protected against internal or external threats

Somewhat confident	23%
Not very confident, we need to do more	31%
I'm afraid, very afraid	8%

Are you confident in your plan to address cyber security insecurities?

See ABB security and reliability solutions that can help, available at an attractive price for limited time to US based System 800xA users.

Act now

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During the webcast, attendees were also asked to comment whether or not they had tight control over user accounts. Most of the System 800xA users indicated they have individual logons for system users, such as operators, engineering and maintenance staff, and maintain them diligently.

For some industries, of course, this is required, but others are not forced to do so unless driven internally. Whatever the case may be, System 800xA is tightly coupled with the Microsoft Windows security model and has features that can help manage users efficiently such as user log-over, authentication, and digital signatures.
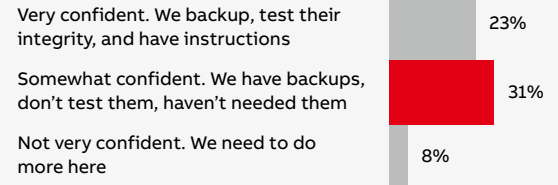
Recovery control
In the times we live in, you have to be ready for the possibility that a cyber security incident will affect your system. Downtime is probably one of the most costly things to your business. If you assume you will experience some sort of security breach, you had better have a well documented plan for recovery AND known good backups to recover with.

In the third question posed to users during this webcast, most indicated their confidence in their system back-up strategy, but still a sizable number admitted they had some nagging doubts. 38% indicated that, although they make back-ups, they don't have a repeatable process to test their integrity.

John Brajkovich, ABB Advanced Digital Services Engineer, gave some tips that can help mitigate the risk of not being ready when the time comes. Of course, ABB can also help you with an automated back-up service, giving you piece of mind and removing those nagging doubts.

How confident am I that, in case of a security breach, I can restore the system in a timely fashion

Very confident. We backup, test their integrity, and have instructions — 23%

Somewhat confident. We have backups, don't test them, haven't needed them — 31%

Not very confident. We need to do more here — 8%

You can watch the entire webcast using the link below.

Watch now

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