



The best in comfort and safety at Arena Corinthians

On June 12, 2014, the eyes of the world turned to the World Cup opening ceremonies at Arena Corinthians, considered one of the safest, best-prepared stadiums to host the world soccer championship.

Arena Corinthians, located in São Paulo, Brazil, was equipped to welcome the world soccer championship with the maximum in comfort and safety thanks to the installation and integration of dozens of security systems designed by Johnson Controls, a leading global expert in HVAC equipment and building control systems, technology and systems integration.

World class expertise for the World Cup

Arena Corinthians counted on the expertise of Johnson Controls, responsible for the installation and management of systems for fire detection and prevention, building automation, telecommunications, structured cabling, closed-circuit televisions, and sound and multimedia, in addition to property access and lighting control.

Safe and secure by the numbers

A total of 3,140 fire detectors, over 37 miles of cables, and more than 2,900 built-in loudspeakers were installed, along with a compatible set of amplifiers ready to make clear announcements to spectators during games.

Stadium Project AT-A-GLANCE:

Arena Corinthians
São Paulo, Brazil

Project highlights:

- Enhanced Security & Safety
- More Comfortable Environment
- Enhanced Stadium Operations Control
- Integrated Technology Improves Fan Experience

ARENA CORINTHIANS STADIUM CASE STUDY



More than 271 high-definition surveillance cameras were strategically placed throughout the venue, ensuring the security of visitors and the administrative area of the stadium.

"We are proud to have provided efficient technology and solutions to the stadium that hosted the world's biggest sporting event. Fans could watch matches in comfort and safety, while organizers worked in a controlled, monitored environment, making it possible to focus solely on the event."

**Marcelo Therezo, vice president and general manager of
Johnson Controls Building Efficiency, Brazil**



The entire system was monitored by a modern Venue Operation Center, where all stadium operations were controlled in real-time. The special room was outfitted with a high-tech database, and local authorities helped supervise the prevention and control of any incident.

The Johnson Controls P2000 security management system afforded selective access to over 110 doorways in administrative areas, allowing the entrance of authorized personnel only—something vital in a stadium that received nearly 64,000 spectators in the "Round of 16" match between Argentina and Switzerland.

Johnson Controls' venue experience

Johnson Controls is one of the leading global experts in the design and delivery of complex technology solutions, integrating building, IT, business and specialty systems. In addition to Arena Corinthians, Johnson Controls furnished converged technology solutions at two other World Cup stadiums: Mineirão and Arena da Amazônia, and has contributed building efficiency expertise to structures that house major sporting events, like the Olympics.

As part of this valuable legacy, Johnson Controls solutions transformed Arena Corinthians into a safer, more comfortable environment for fans and organizers during the World Cup and at subsequent events.

To learn more about how building wide systems integration helps sporting venues achieve a smart, safe, operationally efficient, fan-centered environment, visit <http://www.johnsoncontrols.com/buildings/solutions-by-industry/stadiums>