

# NATIONAL KNX



## KNX in Latin America



## KNX has arrived in Argentina

Argentina, officially the Argentine Republic, is located in the south-eastern part of Latin America and is the first country, which started with KNX activities on that continent.

These activities began in 2011 when not only two KNX training centres were set up, but KNX also participated at BIEL 2011 trade fair. Motivated by the success of these activities, KNX had a stand at a fair, organised by the AADECA Association in 2012, where the KNX National Group was officially founded. Finally, in 2013, KNX Argentina organised its first KNX Workshop, participated again BIEL trade fair, and recruited the country's most active KNX members ABB, EGi, Jung, Merten and Vimar.

Main contribution to the success of KNX in Argentina has been provided by the KNX Training Centres CTF Training Centers and THI s.a.i.c.

with the certification of almost 50 new KNX Partners in the last three years.

### An outstanding project in Argentina:

#### The JP Morgan offices

One of the most prestigious projects is the JP Morgan offices, located in the second tower of the Catalinas complex. The owner chose the KNX technology because of its ability to display data in a simple way, and for the ease with which the system can be expanded (its scalability). Initially the customer re-

quested alarming and status control facilities for the various applications, access control and alarm control, temperature control, and remote operation. Once the KNX devices had been included into the system, all errors or intrusions could be monitored and energy generation controlled via the displays. The customer's satisfaction is clearly demonstrated by the fact that he subsequently requested the installation of further applications (lighting, air conditioning, heat control, etc.).



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KNX stand at BIEL trade fair in Buenos Aires in 2011 (for pictures of KNX Argentina at the latest edition of the fair, BIEL 2013, please see KNX National Groups secretaries)



View of Torres Catalinas



## Brazil, the country in the spotlight, goes KNX

Brazil is the largest country on the South American continent and the one with the strongest economy. Because of the potential it represents, it goes without saying that this country is also a target market for KNX.

Since its foundation in 2012, KNX National Group Brazil has been very active. With more than ten KNX members joining the Association the demand for more events and training opportunities grew. The group's first official activities were its participation at Prediatec and at the major Habitar conference. Some months later, in collaboration with KNX Associa-

tion International, KNX Brazil organised the first KNX Forum in Brazil as well as a KNX tutor course for active players all over the country's territory interested in expanding the KNX know-how. As a result five new KNX Training Centres have been set up in several of the country's regions including Brasília, Sao Paulo and Anápolis. In addition to the initial activities and those planned for the future, KNX has been used in a number of prestigious projects, including the offices of petroleum giant Petrobras, with a sustainable project thanks to the use of KNX. Odebrecht's headquar-

ters have also been fitted with KNX products. Odebrecht is a Brazilian conglomerate of various businesses in the fields of engineering, construction, chemicals and petrochemicals.

KNX has also played a fundamental role in the sports events that took place in Brazil, for example the final stadium, the Maracanã. Built in 1950, the Maracanã was renovated for the 2013 FIFA Confederations Cup and the 2014 Football World Cup (the first to be held in Brazil since 1950). During this renovation KNX was installed.



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The Estadio do Maracanã

Rogério Ribeiro, President of KNX Brazil, at the 1<sup>st</sup> KNX Forum in Brazil



## KNX Chile: The 3<sup>rd</sup> KNX National Group founded in Latin America

The Republic of Chile is one of South America's most stable and prosperous nations. It is a Latin American leader in education, international competitiveness, income per capita, globalisation, and – most of all – also in the quality of its KNX installations. The last thanks to those companies that brought KNX know-how to the country some years ago.

In October 2013, KNX National Group of Chile was set up with eleven founder members, mostly system integra-

tors and professionals who were already well acquainted with the KNX technology. Even at that stage a large number of other established companies in Chile were already showing an interest in being part of the national association.

In addition to the KNX Members, KNX Partners and KNX Training Centres in the country, KNX Chile has among its members one of the KNX Scientific Partner in Latin America: the Universidad Tecnológica de Chile (IN-

ACAP) – further evidence of the strong network for the development of KNX in Chile.

Many projects have been realised in Chile using KNX, such as the Deloitte project, a milestone in the certification of sustainable buildings in Chile. Another remarkable project is the FORUS logistics centre where more than 2,800 fluorescent lamps over an area of 11,000 square metres spanning four storeys are controlled.



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Mario Sanhueza, Secretary of KNX Chile, at the opening of the first KNX event in Chile.



Exterior of the FORUS logistics centre





## KNX Colombia: A new KNX National Group for an emerging market

It was only after several months of working with the most active companies in the Colombian market that the KNX Association became fully aware of the interest's extent for KNX in the country and decided to establish the fifth KNX National Group in Latin America, after Argentina, Brazil, Chile and Uruguay. The founding of KNX Colombia was a clear sign that KNX has been firmly established on the continent and helped to further enhance the overall image of KNX Association International, which is now represented in more than 40 countries on five continents.

KNX Colombia may be a young KNX National Group, but it is already very well established with its members including the main KNX manufacturers, KNX Training Centres and some active and influential KNX Partners. For the first official activity, representatives of KNX Association International and the local companies joined forces to host a KNX stand at FISE trade fair. During the fair, the KNX Association stand served as meeting point for visitors and a venue for KNX seminars, and the KNX National Group was also officially founded there. Although KNX Colombia is

a new KNX National Group, a large number of iconic projects have already been completed in the country. A good example is the new terminal at Bogotá's El Dorado International Airport, being the largest KNX Project in Colombia. The KNX installation covers the main building, the outdoor areas and runways and the hangars, in total more than 1.000,000 square metres. The main benefits that KNX brought to this project were its efficient use of energy, the minimal use of artificial light access control, and the quality of the visualisations.



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Seminar introducing visitors to KNX at the KNX stand at FISE 2013 in Medellin.



The entrance to International Departures at El Dorado International Airport



View of El Dorado International Airport in Bogotá (Colombia)





## KNX Mexico, the latest KNX National Group founded in Latin America

Following the internationalisation of KNX Association and the special focus on Latin America, the KNX National Group Mexico was founded on the 16th October 2014. This KNX National Group constitute the 6th official representation of KNX in Latin America and the first one in the north territory. Prior to the foundation, KNX arranged meetings with the most active players in the country at the KNX booth, set up at the exhibition Expo Cihac. All details and plans

were defined together with the members of the national association, and it was therefore an excellent opportunity to found officially the KNX National Group Mexico. Hence, the foundation event of KNX Mexico was the final stage of a busy week with the confirmation from 26 companies, ranging from KNX Manufacturers and KNX Training Centres to local system integrator companies. Additionally, the first contacts and co-operation agreements were closed with other Associa-

tions in order to expand the KNX know how all over the country.

A large number of representative projects have been realised, being one of them the renovation of the W Hotel Mexico City, a milestone in fashion and design, as well as the integration of the KNX technology. In this building, KNX controls with total flexibility the complete electrical installation, comfort, centralised lighting control and HVAC, etc.



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KNX National Group Mexico founded



KNX booth at the exhibition "Expo Cihac"





## KNX Uruguay: The smallest KNX National Group in Latin America

The Republic of Uruguay is home to 3.3 million people, of whom 1.8 million live in the metropolitan area of its capital and largest city, Montevideo. Despite its small size – Uruguay is geographically the second-smallest nation in South America, but it frequently ranks among the continent's most developed and prosperous countries. Uruguay's great potential did not go unnoticed for KNX, which established a KNX National Group there.

Since the very early days, the KNX Association has supported a range of activities in the country, such as the establishment of the first KNX Training Centre in Montevideo, which helped to share KNX know-how around the country. Thanks to this, the number of KNX projects started to increase rapidly. One of the most outstanding projects in Uruguay is the Police Hospital of Montevideo, which includes a KNX installation in one of

the surgical blocks, controlling any application from the outdoor areas and offices to the operating theatres, such as lighting, HVAC control, intercom control, access control and automatic doors, etc. The use of the KNX technology makes this hospital one of the most advanced in the world. Here once again, KNX has improved the quality of people's private and working lives.



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