

## Position paper



Concerning LON and KNX to ISO Standards

Concerning data communication standards for buildings, BACnet at the moment is the only internationally recognised standard (EN ISO), while LON and KNX are European standards (EN) and local standards in some other countries, e.g. in the USA and China. ISO standards is proposing to members to standardize LON and KNX technologies. Today BACnet is already standardized and the agreement for LON & KNX will complete the picture.

There are several key reasons for LON and KNX technologies to get adopted as ISO standards for buildings, and the most compelling one is that there are different needs in different markets and applications. Different customer requests and the use of a big variety of communicative devices demand different solutions; very often, one system installation needs to support more than one of these communication protocols. Moreover, LON and KNX technologies have co-existed with BACnet for several years now.

Both LON and KNX offer open protocols and interoperability with other standards. They've been stress-tested in a variety of environments and are field-proven. They're truly scalable. And they've more than made the grade when it comes to number of certified products, functional profiles, common installation tools, multi-vendor capability and low cost. And both have won an overwhelming vote of confidence when it comes to customers.

Of course, LON and KNX have been CEN and ANSI standards for some time. It's only natural that their status progresses from that of a regional one to a truly international one with ISO.

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