



**Strata Resource authors white paper comparing the two leading Open System architectures – the LonWorks® technology and the BACnet® standard.**

***Investigating Open Systems***

Strata Resource has authored a white paper comparing the leading Open System architectures of the LonWorks technology and the BACnet standard. Open System technologies have had, and will continue to have, a profound impact on the building automation industry. Although there are numerous Open System technologies available, the LonWorks technology and the BACnet standard are the two most widely used architectures and the most often discussed. Neither architecture is “new” to the industry and they both enjoy wide spread use and industry acceptance, however, there is a general level of confusion within the industry regarding the two architectures. They both aspire to the same goals, but have different network architectures and very different application requirements. This has generated numerous application questions, misunderstandings and created a need for a comprehensive comparative reference. This Strata Resource white paper provides a comparative evaluation of LonWorks and BACnet in areas relevant to market presence and solution approach.

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***Comparing LonWorks and BACnet***

Comparing LonWorks and BACnet is a daunting task. A list of comparative topics shared by both architectures is essential for creating an “apples to apples” comparison of two architecture that, at times, have very little in common. Many previous comparisons have gotten lost in an argument of bits and bytes in an effort to avoid an “apples to oranges” comparison. The Strata Resource comparison uses independent research to achieve a direct comparison and present an overview of the history, application, achievements, and future of both architectures.

Strata Resource used several topics in two categories – Market Presence and Solution Approach - to compare the LonWorks and BACnet architectures.

<b>Market Presence Comparison Topics</b>	<b>Solution Application Topics</b>
Installation Statistics	History
Certification Statistics	Network Architecture
Certification Centers	Network Management
Organizations (Users Groups)	Operator Interface Software
	Design Guidelines
	Certification Methods
	Device Architecture
	Devices
	Diagnostic Tools
	XML, IP and Web Services
	Distribution
	Related Standards Qualifications

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***Your Resource***

*Investigating Open Systems, Comparing LonWorks and BACnet* is available for purchase from the Strata Resource web site [www.StrataResource.com](http://www.StrataResource.com). Make Strata Resource your resource for this and other valuable industry documents.

**STRATAR** e s o u r c e I n c offers independent, unbiased market investigation. Strata Resource is a market research company that specializes in research and analysis of device automation technologies, companies, trends and products.