

## Application Notes

Application notes covering a variety of topics, from wiring a LifeSafety Power system to specific access control panels, to general product information and troubleshooting information. Related videos and documents, as applicable, are also listed.

Access Panel Wiring	AN #	Subject	Description
	<a href="#">AN03</a>	<a href="#">SWH iSTAR Ultra</a>	Using an iSTAR Ultra panel with an LSP power system <a href="#">Video</a>
	<a href="#">AN04</a>	<a href="#">SWH iSTAR Ultra SE</a>	Using an iSTAR Ultra panel with an LSP power system <a href="#">Video</a>
	<a href="#">AN05</a>	<a href="#">Paxton</a>	Using Paxton NET2 panels with an LSP power system <a href="#">Video</a>
	<a href="#">AN10</a>	<a href="#">Mercury LP/MR</a>	Using Mercury LP/MR panels with an LSP power system <a href="#">Video</a>
	<a href="#">AN11</a>	<a href="#">Brivo ACS6000</a>	Using Brivo ACS6000 panels with an LSP power system <a href="#">Video</a>
	<a href="#">AN12</a>	<a href="#">AMAG M2150</a>	Using AMAG M2150 panels with an LSP power system <a href="#">Video</a>
	<a href="#">AN13</a>	<a href="#">HID VertX</a>	Using HID VertX panels with an LSP power system <a href="#">Video</a>
	<a href="#">AN14</a>	<a href="#">Keyscan</a>	Using Keyscan panels with an LSP power system <a href="#">Video</a>
	<a href="#">AN15</a>	<a href="#">Kantech</a>	Using Kantech panels with an LSP power system <a href="#">Video</a>
	<a href="#">AN43</a>	<a href="#">KISI</a>	Using KISI panels with an LSP power system <a href="#">Video</a>

Specific Applications	AN #	Subject	Description	Re
	<a href="#">AN06</a>	<a href="#">Fire Alarm Door Holders</a>	Using an LSP power system for powering and controlling Fire A	
	<a href="#">AN28</a>	<a href="#">Egress During AC Loss</a>	Setting up an LSP power system to unlock egress doors during an	
	<a href="#">AN33</a>	<a href="#">Building Lockdown&amp;nbsp;</a>	Setting up a basic building lockdown application using an LSP po	
	<a href="#">AN34</a>	<a href="#">Nurse Call</a>	Setting up a basic Nurse Call system using an LSP power system	

Network Monitoring	AN #	Subject	Description	Re
	<a href="#">AN20</a>	<a href="#">Network Monitoring FPO</a>	Monitoring an FPO power system with a NetLink <a href="#">NetLink</a> network comm	
		<a href="#">White Paper</a>		
	<a href="#">AN23</a>	<a href="#">Text Messages with NetLink</a>	Setting up a NetLink communication module to send alerts via	
	<a href="#">AN24</a>	<a href="#">NetLink Reports&amp;nbsp;</a>	Understanding and gaining information from the NetLink's CSV rep	
	<a href="#">AN25</a>	<a href="#">NetLink Control Outputs</a>	Using the NetLink's control outputs for remotely controlling devices	
	<a href="#">AN44</a>	<a href="#">Distributed Power Monitoring</a>	Using the NLX module's RS485 port to drastically lower the m	

Board / Product Applications	AN #	Subject	Description
	<a href="#">AN01</a>	<a href="#">Standard DC Product</a>	An overview of single voltage, dual voltage, and multi-voltage LSP
	<a href="#">AN07</a>	<a href="#">B100</a>	Configuring dual voltage and multi-voltage systems <a href="#">Video</a> using a B100 secondary power supply
	<a href="#">AN08</a>	<a href="#">Dual Buss Benefits</a>	The benefits of LSP's unique dual buss power distribution
	<a href="#">AN09</a>	<a href="#">Battery Cabinets</a>	Battery fitment within LSP's dedicated battery enclosures
	<a href="#">AN16</a>	<a href="#">A8</a>	Overview of the A8 distribution module for low voltage AC power systems
	<a href="#">AN17</a>	<a href="#">D8 Single Voltage</a>	Overview of using the D8 distribution module in <a href="#">single</a> voltage DC systems <a href="#">Video</a>
	<a href="#">AN18</a>	<a href="#">D8 Dual Voltage</a>	Overview of using the D8 distribution module in <a href="#">dual</a> voltage DC systems <a href="#">Video</a>
	<a href="#">AN26</a>	<a href="#">Distribution Options</a>	When to use the various distribution options available from LSP
	<a href="#">AN29</a>	<a href="#">C4 / C8</a>	Using the C4 or C8 lock control module in an LSP <a href="#">Access</a> power system <a href="#">Video</a>
	<a href="#">AN40</a>	<a href="#">Gemini Rack Mount</a>	Mounting the Gemini series rack drawers to a two-post rack
	<a href="#">AN42</a>	<a href="#">Battery Fitment</a>	A guide for determining what size battery set will fit in an LSP access power enclosure

Wiring and Troubleshooting	AN #	Subject	Description
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[AN19](#) [Dual Buss Overview](#) An in-depth look at LSP's dual buss architecture

[AN27](#) [Fire Alarm Interface \(FAI\)](#) An in-depth look at LifeSafety Power's flexible fire [Vibram](#) interface

[AN30](#) [Fault Contacts](#) Wiring the fault contacts on an LSP power system

[AN31](#) [Lock Diodes](#) Using lock diodes to protect against back-EMF from [Working Paper](#) devices

[AN32](#) [Earth Ground Faults](#) How to troubleshoot an Earth Ground Fault in an LSP power system

[AN35](#) [Battery Wiring](#) Details on wiring a battery set to an LSP power system [White Paper](#)

[AN36](#) [System Faults](#) How to troubleshoot a system fault in an FPO power system