

Data Center Power Infrastructure Solutions

*Proven Reliability for
Mission Critical Applications*

Don't let a simple power connection take down your network. Clean and reliable power is key to data center performance and uptime. *PANDUIT* provides solutions for all of the critical connections from the utility transformer through the network equipment to protect your data center investment.

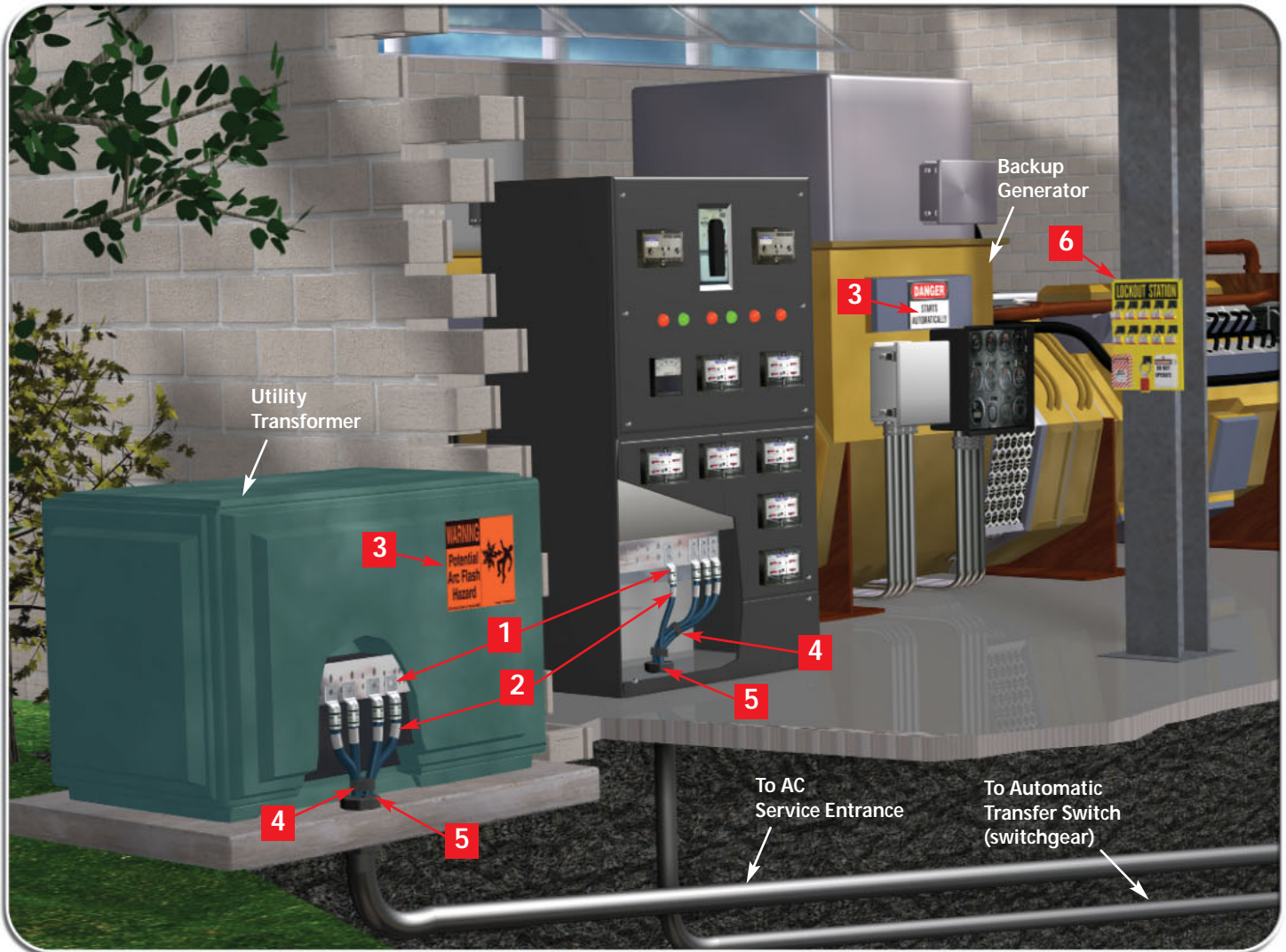
PANDUIT® *PAN-LUG*™ Copper Compression Lugs and Splices are UL Listed, CSA Certified, and are the **first and only** connectors to meet Network Equipment-Building Systems (NEBS) Level 3 Requirements as tested by Telcordia Technologies. NEBS Level 3 is a set of stringent tests that subject components to extreme environmental conditions. Connectors that meet these requirements help ensure dependable performance over the life of the installation.

PANDUIT offers the "Success Depends on the Crimp" **training program** to help installers achieve a reliable, safe termination to reduce your risk in the data center power infrastructure.

Utility and Generator Sources



Maximize uptime and protect network equipment and personnel in your data center by ensuring a reliable and safe power infrastructure with solutions from PANDUIT.



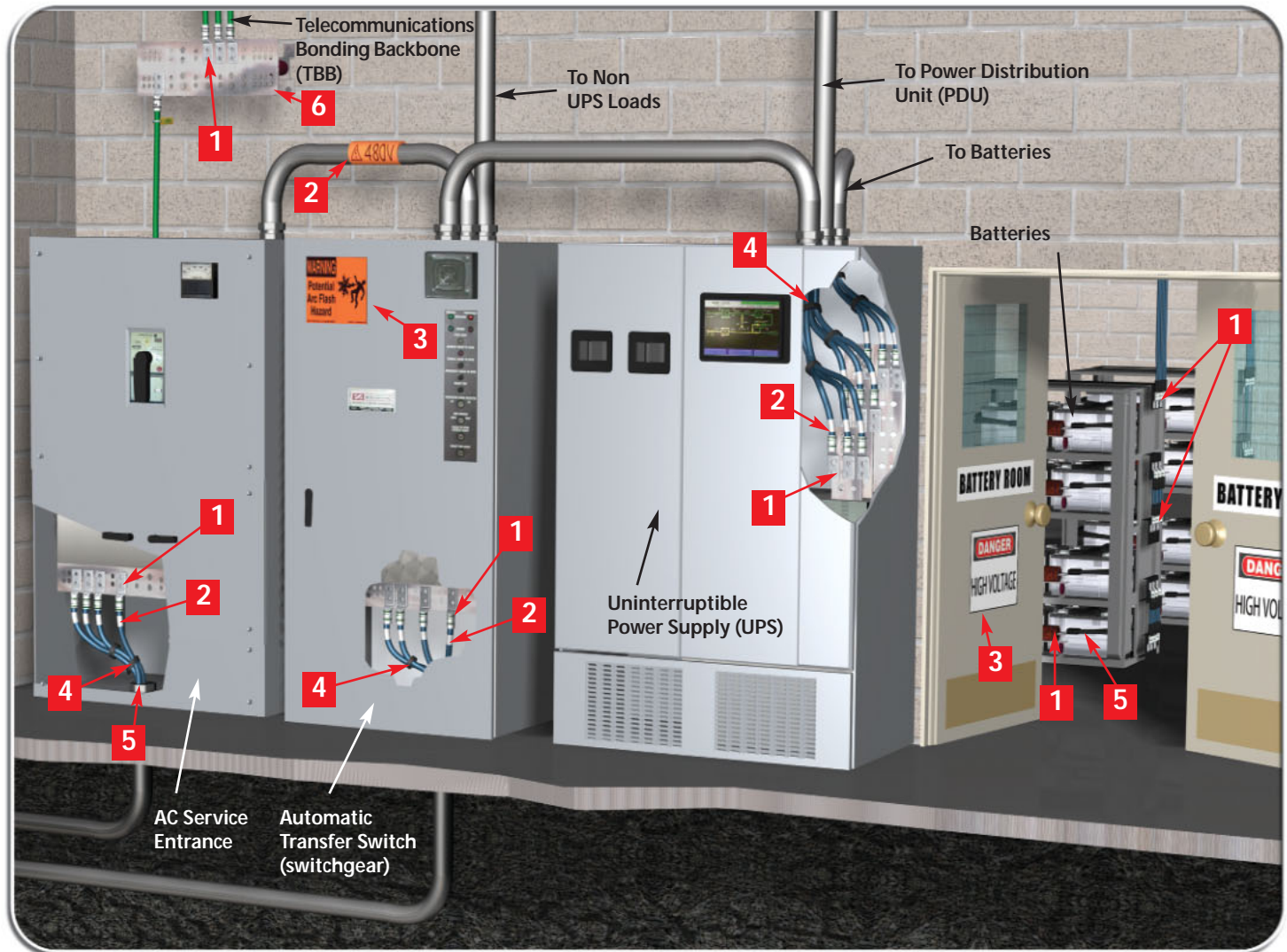
The utility transformer provides the main power to the system. In the event of an interruption, the backup generator provides power.

<p>1. <i>PAN-LUG™ Copper Compression Lugs for Code and Flex Conductor</i></p>		<p>4. <i>Cable Ties</i></p>	
<p>2. <i>Labeling Systems</i></p>		<p>5. <i>Abrasion Protection</i></p>	
<p>3. <i>Safety Solutions</i></p>		<p>6. <i>Lockout/Tagout</i></p>	

Power infrastructure should follow NEC standards/national/regional/local electrical codes.

Service Entrance

Maximize uptime and protect network equipment and personnel in your data center by ensuring a reliable and safe power infrastructure with solutions from PANDUIT.



The automatic transfer switch (switchgear) is connected to the utility and generator sources, and is routed to the uninterruptible power supply (UPS). The UPS includes backup batteries and supplies power to the electrical distribution system which allows time for the backup generator to start.

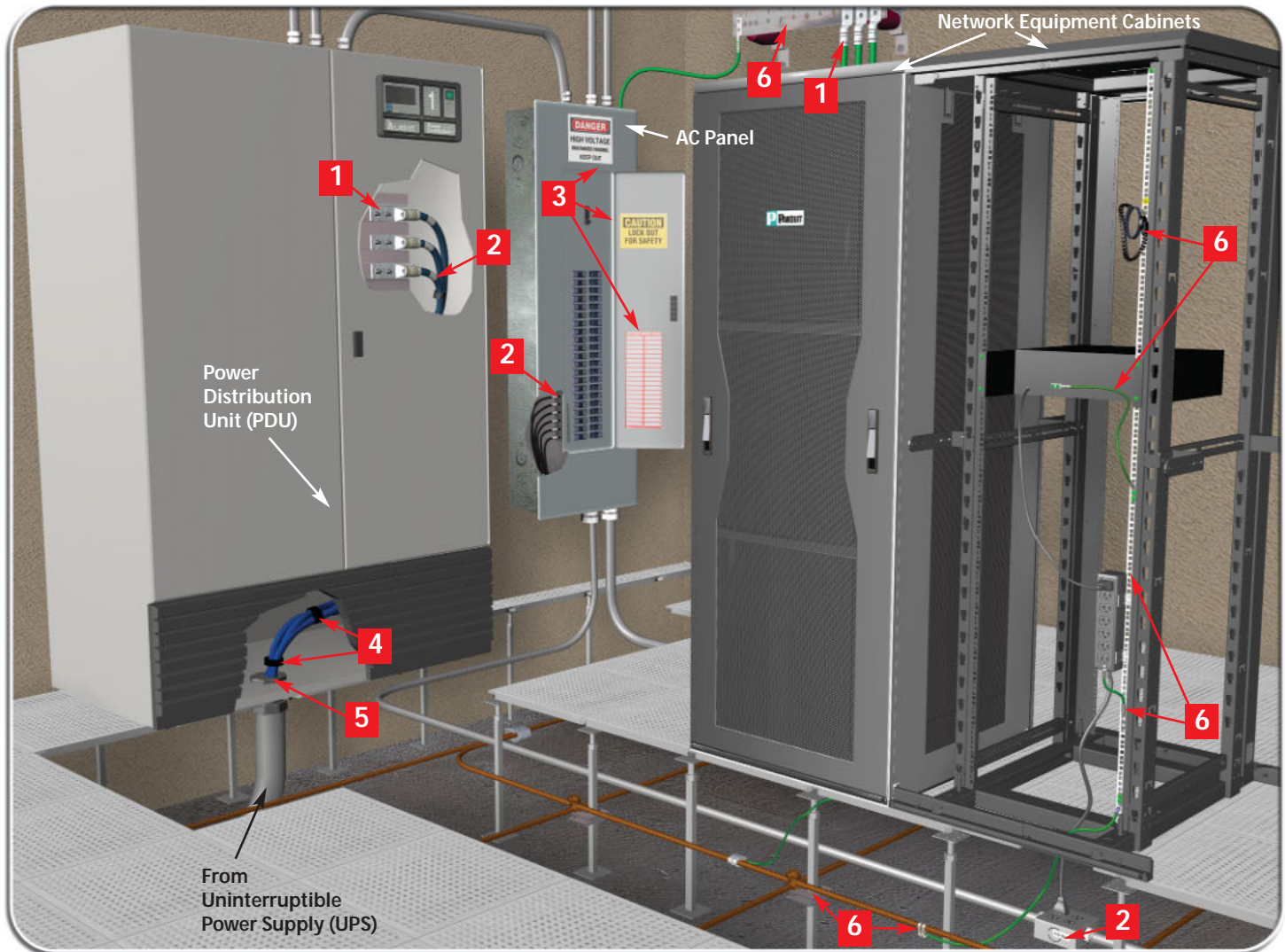
<p>1. PAN-LUG™ Copper Compression Lugs for Code and Flex Conductor</p>		<p>4. Cable Ties</p>		
<p>2. Labeling Systems</p>			<p>5. Abrasion Protection</p>	
<p>3. Safety Solutions</p>			<p>6. STRUCTUREDGROUND™ Grounding System</p>	

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Data Center Raised Floor



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Power Distribution Units (PDUs) provide power to AC panels. AC panels provide power to network equipment cabinets.

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<p>3. Safety Solutions</p>			<p>6. STRUCTUREDGROUND™ Grounding System</p>		

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For a copy of PANDUIT product warranties, log on to www.panduit.com/warranty

For more information or to request a catalog

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