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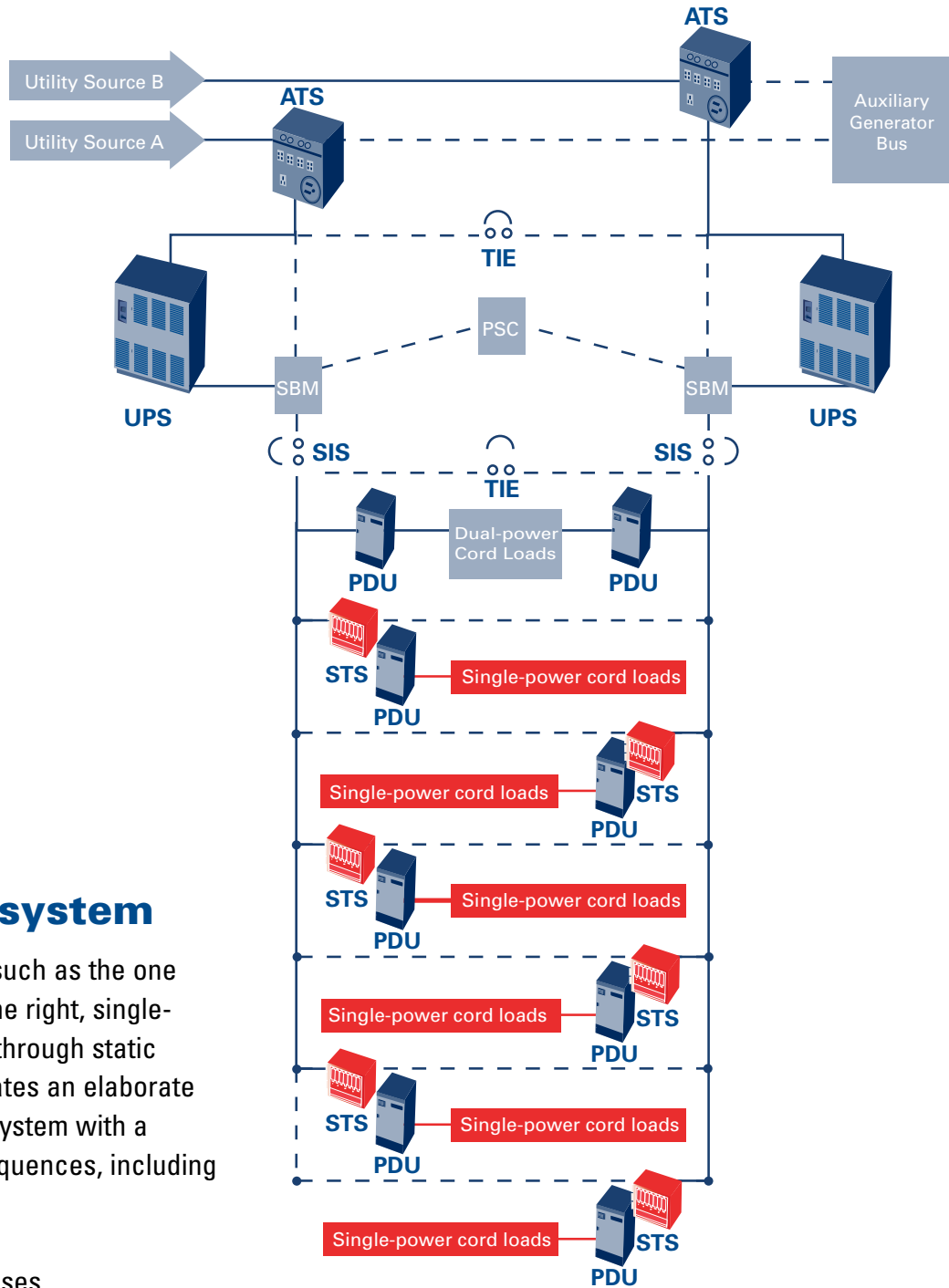
Powerware® Static Auto Tie Architecture

**Let Eaton® show you how to save over
\$1 million the first year...**

- 
- **Reduce expenses**
 - **Increase efficiency**
 - **Reduce heat**
 - **Decrease maintenance requirements**
 - **Simplify complexity**
 - **Improve reliability**

**...on the construction of
your next data center.**

Fully-deployed conventional system

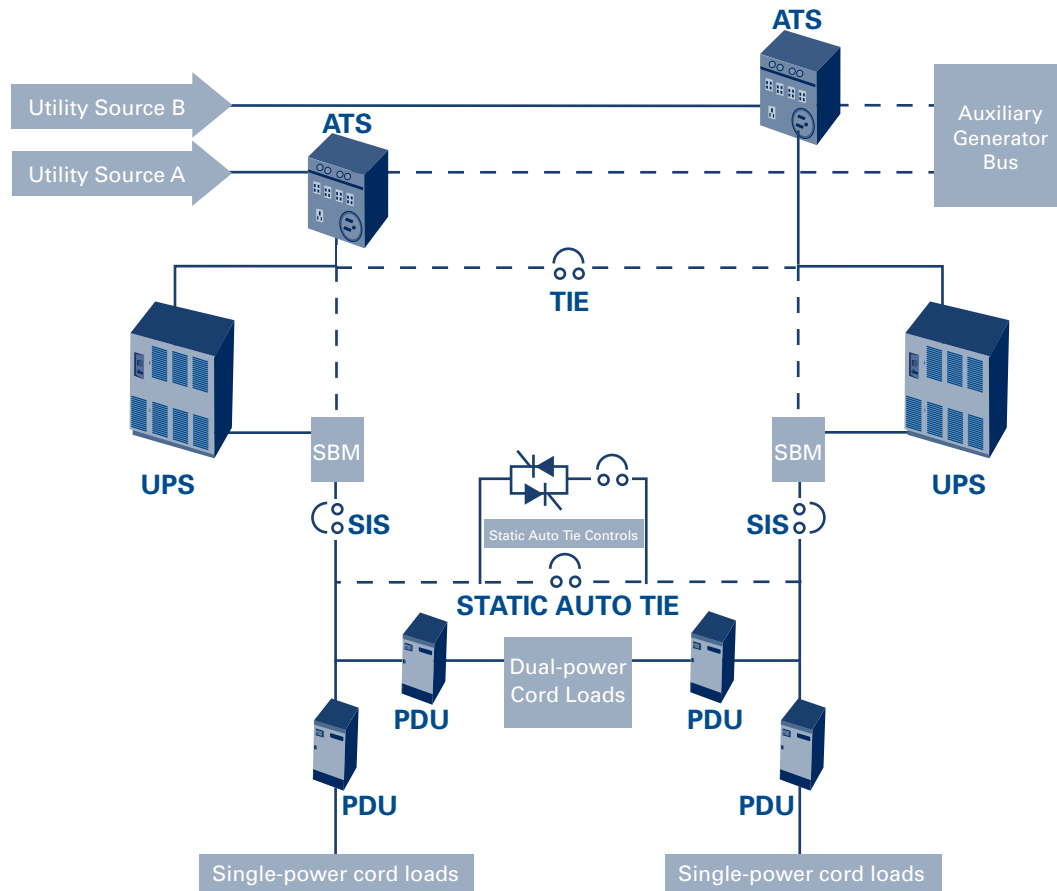


Conventional system

In a conventional system such as the one shown in the diagram to the right, single-power cord loads are fed through static switches. This design creates an elaborate and complex distribution system with a number of negative consequences, including the following:

- Increased capital expenses
- Additional installation costs
- Less reliability
- Decreased efficiency
- Increased maintenance requirements

Fully-deployed Powerware Static Auto Tie configuration



Powerware Static Auto Tie configuration

In the Static Auto Tie configuration displayed in the diagram above, there is a Hot-Tie® static switch circuit between the outputs of the two UPS modules that automatically transfers the loads from one to the other as necessary. This less complex, dual-path architecture streamlines the distribution system to eliminate series switching and reduce the potential downtime of single-power cord loads by up to 50 percent. As a result, the Static Auto Tie architecture offers a number of benefits:

- Reduced capital expenses
- Reduced installation costs
- Increased system reliability
- Increased system efficiency
- Decreased maintenance requirements
- Reduced raised-floor space requirements

Overview of savings example

Reduced capital expense	\$ 700,000
Reduced installation cost	\$ 200,000
Lower operating energy costs	\$ 10,091
Lower yearly maintenance costs	\$ 60,000
Increased valuable operating floor space	\$ 39,600
Total Savings	\$ 1 Million+

All dollar figures are based on a 50,000 ft² raised-floor facility supported by a dual-path configured 3000 kVA UPS. Estimated cost of downtime was \$750,000 per hour with a four-hour minimum per instance.

Twelve static transfer switches were removed from the initial design by using Static Auto Tie.

Dollar values will vary based on site design.

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Germany: 49.0.7841.604.0
Italy: 39.02.66.04.05.40
Norway: 47.23.03.65.50
Sweden: 46.8.598.940.00
United Kingdom: 44.1753.608.700

ASIA PACIFIC
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China: 86.21.6361.5599
HK/Korea/Taiwan: 852.2745.6682
India: 91.11.2649.9414 to 18
Singapore/SEA: 65.6829.8888

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