

OptimizeIT® Integrated Solutions
Scalable Infrastructure Components From Liebert And Knurr





Bringing Market-Leading Data Center Technology To Your Business.

Business information within data centers is more critical than ever. And all data centers face the same protection issues. Rising heat, densities. More demand for reliable power. Ever-changing technology. Cost and floor space restrictions.

No matter the size of your space, the days of compromising your critical data are over.

Based on the unique needs of 1-60 rack data centers, we've integrated power, cooling, monitoring and service into a pre-engineered, easy-to-order solution. Plus, we offer optional services and local expertise and support that make your Liebert solution easy to order, configure, manage and implement.

The Company That Invented Critical Systems Protection.

For more than 40 years, Liebert has been the global leader in the world of business-critical systems. As part of Emerson Network Power, Liebert and Knurr products help you increase utilization and improve management of IT systems by enhancing system availability and flexibility.

We do this through a complete line of business critical power, cooling, monitoring, rack and service solutions that are easy to purchase, install, use and maintain.

These solutions remove power and heat density constraints to growth, flexing as IT systems change, and allowing you to implement new systems and applications with less disruption and without abandoning your initial investment.

OptimizeIT® Integrated Solutions.

OptimizeIT is a set of standard, modular and scalable components that simplify the design of network critical infrastructure. Featuring Liebert and Knurr products, our goal is to help you get more from your IT equipment and applications by:

- **Increasing Productivity—by installing more IT equipment and applications**
- **Minimizing Risk—by keeping IT equipment up & running**
- **Decreasing Cost—by getting the most out of current and future equipment**

All backed by the most knowledgeable and extensive network of field support in the industry guarantee unparalleled support.

Solutions Designed For Your World.

Achieving mission-critical network availability requires the installation, management, and continuous support of your network's infrastructure. This continuous availability rests on the power and cooling infrastructure that supports these systems, and requires four key components:

- 1. Mission Critical Power**
- 2. Mission Critical Cooling**
- 3. Monitoring And Management**
- 4. Proactive Maintenance**

The end result is an infrastructure with the ability to anticipate and adapt to change.



Integrated Solutions. Pre-Engineered Benefits.

Only Liebert can offer you the advantages of having a fully integrated solution from rack to room. By consolidating all your products and services with Liebert, you are assured that everything works together as one configured system.

- **Availability** — Proven mission-critical technologies that minimize single points of failure produce the highest possible availability for your IT systems, so you can work in confidence.
- **Single Source** — One source to select, configure and service all your products and technologies, with a single call to make.
- **Integration** — From rack to room, our products and services form a holistic system. With the Liebert name on each, our pre-engineered products are meant to work together.
- **Technical Support** — Local and factory support by application specialists is available to help you if needed. We also have the largest team of factory-trained Customer Engineers across the globe to provide you the breadth and depth needed to guarantee uptime assurance and downtime recovery.
- **Flexible Configurability** — As your IT requirements change, our products and technologies provide an adaptable and cost-effective path to support synchronized growth, so you're not stuck with the unexpected.

The end result? An infrastructure with the ability to anticipate and adapt to change.

Liebert Adaptive Architecture.

The Liebert Adaptive Architecture is a combination of power, cooling and monitoring technologies that provide mission-critical IT support across your entire enterprise. The Liebert Adaptive Architecture delivers higher performance with greater flexibility than any other infrastructure design.

Flexibility

We feature products or systems can be reconfigured or added to meet the demands of new technologies, achieve higher protection results and adapt to growth/changing business requirements.

Higher Availability

Our proven technologies and system designs minimize single points of failure or downtime in your IT systems. So your network is ready, when you need it to be.

Lowest Total Cost Of Ownership

The efficiency and ability to adapt to change or expansion extends the life span of Liebert technologies. Saving you money in the future.

OptimizeIT.[®] Infrastructure Simplified. Support Unparalleled.



OptimizeIT gives your mission-critical network the flexibility to deal with uncertainty.

Infrastructure Simplified

Standard, modular and scalable components to simplify the design of network critical infrastructure.

Support Unparalleled

The most knowledgeable and extensive network of field support in the industry guarantee unparalleled support.

POWER



Liebert Surge Protection

Surge suppression protects your IT equipment against damaging power spikes—and from catastrophic failure.



Liebert Uninterruptible Power

Availability depends on the continuity of power and the ability of an uninterruptible power supply to ride through outages and provide clean power to sensitive IT loads.



Liebert Power Distribution

From the room level to the rack level, delivering and managing power to each individual piece of IT hardware is critical in ensuring availability.

A Total Solution. A Single Source.

Our pre-engineered solutions promise you flexibility and availability, which equates to the lowest cost of ownership.

How is this possible?

With the widest range of products in the marketplace, we can provide maximum flexibility to meet your most stringent demands. We're a single, global source with a long

and successful legacy of protecting the operation of mission-critical systems. Before, during, and after the install, only Liebert can provide you with the products and services you need, and the peace of mind you deserve.

Liebert Monitoring

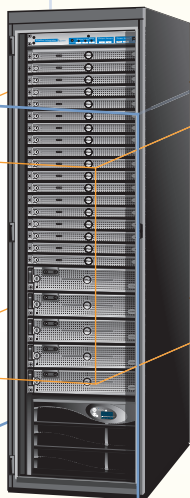
Knowing what is happening with your critical power and cooling equipment—and having automated processes to shut down servers in an orderly way if required—is vital to system reliability and uptime.



MONITORING

Knurr Racks

Lightweight extruded aluminum frames with modular construction offer easy mounting for all IT equipment. Tool-less accessory mounting and a complete cable management system provide the most versatile platform available.



COOLING

Liebert Precision Cooling

Active precision cooling provides precise temperature and humidity control as well as air filtration, protecting your critical equipment from heat and air impurities.



SUPPORT SERVICES

Liebert Services offer the full spectrum of on-site support services for batteries, power and cooling products including preventive maintenance. And a live response team 24x7x365.

Scenario A

1-2 Racks – Network Access Closet Single Phase

This is an example of a recommended solution:

| Specifications | Scenario A |
|--------------------|----------------------------------|
| Input Power | 120V - 1 phase |
| Raised Floor | No |
| kW Range | 1 - 3 kW |
| Racks | 1 - 2 |
| UPS | Liebert PSI-XR |
| Power Distribution | Liebert MP Advanced Power Strips |
| Cooling | - |
| Monitoring | Liebert Nform |
| Server Shutdown | Liebert MultiLink |
| Surge Suppression | - |

Solution:

For the room in need of a single rack, this is an example of the Liebert solution you'll need to protect your IT equipment. Available in non-redundant and redundant configurations, get everything you need in one rack: managed power strips, uninterruptible power, rack-based heat removal, monitoring, server shutdown software, installation service and support – all pre-engineered to work as a single cohesive system.

Use this suggested scenario to begin framing the protection that suits your needs. To configure a solution, contact your local Liebert representative or call 1-800-877-9222.

Products:

- **Knurr Rack** – Lightweight, modular racks that offer 83% ventilation and simple add-on options.
- **Knurr Cable Management** – A full line of cable management accessories for effective control of any cabling requirements.
- **Liebert MP Advanced Power Strip** – Designed to distribute and manage power within the rack and meet the requirements of any rack-mounted IT equipment.
- **Liebert PSI-XR UPS** – A rack-mounted, single-phase, line-interactive UPS that provides protection against input voltage fluctuations and outages, internal batteries, additional battery cabinets and remote communications.
- **Liebert XDA Airflow Enhancer** – A lightweight fan unit mounted to the exhaust side of a rack to effectively remove heat from the critical IT equipment within the rack.
- **Liebert Nform Monitoring Software** – Network-based monitoring of alarm notifications from power, cooling and monitoring.
- **Liebert MultiLink Shutdown Software** – Automated shutdown software permits configurable responses to UPS status changes.
- **Installation & Support Services** – Utilize Liebert's local expertise to assist in assembling turnkey installation services as well as world-class service contracts for all of Liebert's power and cooling products.

Products in this Scenario:



Knurr Racks

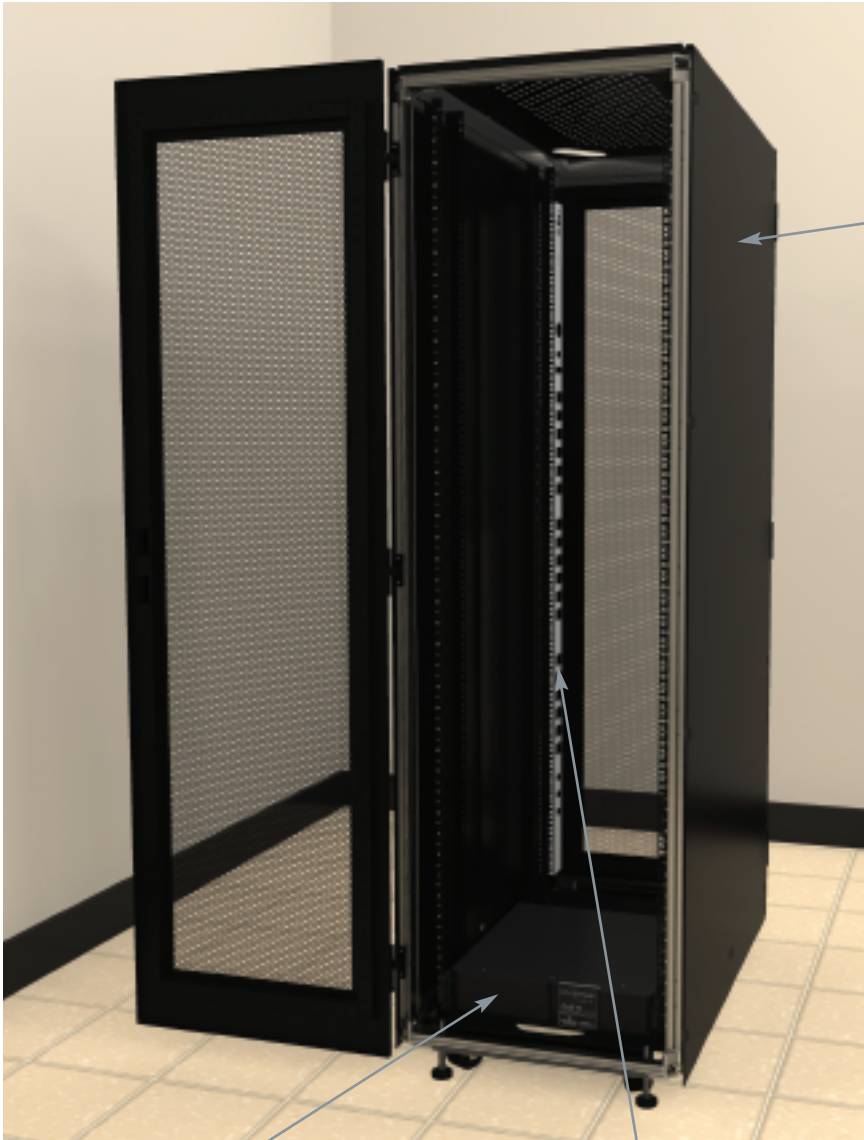


Cable Management



Liebert MP Advanced Power Strip

Scenario A



Knurr Miracel® Rack

Liebert PSI-XR UPS

Liebert MP Advanced Power Strip



**Liebert
PSI-XR UPS**



**Liebert XDA
Airflow
Enhancer**



**Liebert
Monitoring
& Shutdown**



**Installation,
Support and
Services**

Scenario B

1-2 Racks – Network Access Closet Single Phase

This is an example of a recommended solution:

| Specifications | Scenario B (Option 1) |
|--------------------|----------------------------------|
| Input Power | 208 / 120V - 1 phase |
| Raised Floor | No |
| kW Range | up to 1.8 kW |
| Racks | 1 |
| UPS | Liebert GXT2 On-line |
| Power Distribution | Liebert MP Advanced Power Strips |
| Cooling | Liebert MCR |
| Monitoring | Liebert Nform |
| Server Shutdown | Liebert MultiLink |
| Surge Suppression | - |

| Specifications | Scenario B (Option 2) |
|--------------------|----------------------------------|
| Input Power | 208 / 120V - 1 phase |
| Raised Floor | No |
| kW Range | up to 14 kW |
| Racks | 1-2 |
| UPS | Liebert GXT2 On-line |
| Power Distribution | Liebert MP Advanced Power Strips |
| Cooling | Liebert XDF |
| Monitoring | Liebert Nform |
| Server Shutdown | Liebert MultiLink |
| Surge Suppression | - |

Solution:

A cost effective, integrated enclosure with self-contained precision cooling, uninterruptible power, managed power strips, monitoring, server shutdown software, installation service and support – this solution allows for easy implementation of your cooling requirements by integrating active precision cooling into the rack – all pre-engineered to work together

Use this suggested scenario to begin framing the protection that suits your needs. To configure a solution, contact your local Liebert representative or call 1-800-877-9222.

Products (Option 1):

- **Liebert MCR Integrated Enclosure** – An integrated rack and enclosure with active precision cooling designed to ensure the long-term viability of IT equipment.
- **Liebert MP Advanced Power Strip** – Designed to distribute and manage power within the rack and meet the requirements of any rack-mounted IT equipment.
- **Liebert GXT2 UPS** – A rack-mounted single-phase true on-line UPS that offers power-factor correction, frequency conversion, internal batteries, additional battery cabinets, internal dynamic bypass and remote communications.
- **Liebert Nform Monitoring Software** – Network-based monitoring of alarm notifications from cooling and power equipment.
- **Liebert MultiLink Shutdown Software** – Automated shutdown software permits configurable responses to UPS status changes.
- **Installation & Support Services** – Utilize Liebert’s local expertise to assist in assembling turnkey installation services as well as world-class service contracts for all of Liebert’s power and cooling products.

Products (Option 2):

- **Liebert XDF Integrated Enclosure** – An integrated rack and enclosure with active precision cooling designed to ensure the long-term viability of IT equipment.
- **Liebert MP Advanced Power Strip** – Designed to distribute and manage power within the rack and meet the requirements of any rack-mounted IT equipment.
- **Liebert GXT2 UPS** – A rack-mounted single-phase true on-line UPS that offers power-factor correction, frequency conversion, internal batteries, additional battery cabinets, internal dynamic bypass and remote communications.
- **Liebert Nform Monitoring Software** – Network-based monitoring of alarm notifications from cooling and power equipment.
- **Liebert MultiLink Shutdown Software** – Automated software for orderly shutdown of servers based on configurable responses from UPS.
- **Installation & Support Services** – Utilize Liebert’s local expertise to assist in assembling turnkey installation services as well as world-class service contracts for all of Liebert’s power and cooling products.

Products in this Scenario:



Liebert MCR



Cable Management



Liebert MP Advanced Power Strip

Scenario B

Liebert MP Advanced Power Strip

Option 1:



Liebert GXT2 UPS

Liebert MCR enclosure with integrated cooling

Option 2:



Liebert XDF enclosure with integrated cooling

Liebert GXT2 UPS



Liebert GXT2 UPS



Liebert XDF



Liebert Monitoring & Shutdown



Installation, Support and Services

Scenario C

3-6 Racks – Small Data Room Single Phase

This is an example of a recommended solution:

| Specifications | Scenario C |
|----------------------|----------------------------------|
| Input Power | 208 / 120V - 1 phase |
| Raised Floor | No |
| kW Range | 7 - 16 kW |
| Racks | 3-6 |
| UPS | Liebert GXT2 On-line |
| Power Distribution | |
| - Power strips | Liebert MP Advanced Power Strips |
| - Maintenance Bypass | Liebert MicroPOD |
| Cooling | Liebert Challenger 3000 |
| Monitoring | Liebert Nform |
| Server Shutdown | Liebert MultiLink |
| Surge Suppression | - |

Solution:

For the room with 3–6 racks, this Liebert solution protects your servers, network and storage equipment. In addition to racks, managed power strips, uninterruptible power, monitoring, server shutdown software, installation service and support, you'll get room-based precision cooling from the most trusted name in the industry – all pre-engineered to work together.

Use this suggested scenario to begin framing the protection that suits your needs. To configure a solution, contact your local Liebert representative or call 1-800-877-9222.

Products:

- **Knurr Rack** – Lightweight, modular racks that offer 83% ventilation and simple add-on options.
- **Knurr Cable Management** – A full line of cable management accessories for effective control of any cabling requirements.
- **Liebert MP Advanced Power Strip** – Designed to distribute and manage power within the rack and meet the requirements of any rack-mounted IT equipment.
- **Liebert GXT2 UPS** – A rack-mounted single-phase true online UPS that offers power-factor correction, frequency conversion, internal batteries, additional battery cabinets, internal dynamic bypass and remote communications.
- **Liebert MicroPOD** – Allows you to manually transfer your connected equipment to utility power via a maintenance bypass switch, permitting scheduled maintenance or UPS replacement without power disruption.
- **Liebert Challenger 3000 Precision Cooling** – An active precision cooling system providing a versatile and quiet room solution, including temperature, humidity, filtration and airflow in an extremely small footprint (< 9sq.ft.).
- **Liebert Nform Monitoring Software** – Network-based monitoring of alarm notifications from cooling and power equipment
- **Liebert MultiLink Shutdown Software** – Automated shutdown software permits configurable responses to UPS status changes.
- **Installation & Support Services** – Utilize Liebert's local expertise to assist in assembling turnkey installation services as well as world-class service contracts for all of Liebert's power and cooling products.

Products in this Scenario:



Knurr Racks

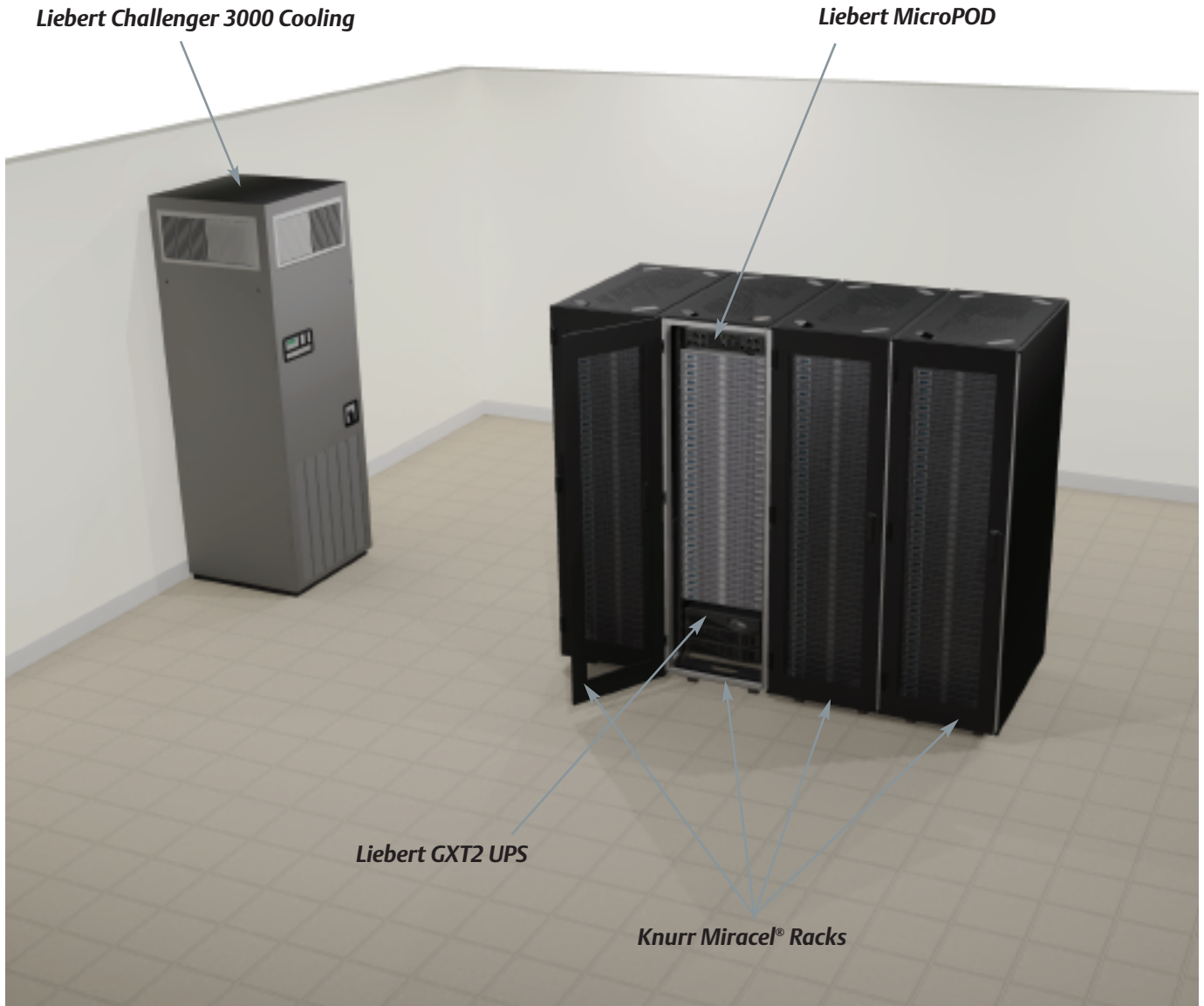


Cable Management



Liebert MP Advanced Power Strip

Scenario C



**Liebert
GXT2 UPS**



**Liebert
MicroPOD**



**Liebert
Challenger
3000 Cooling**



**Liebert
Monitoring
& Shutdown**



**Installation,
Support and
Services**

Scenario D

7-10 Racks – Small Data Center Three Phase

This is an example of a recommended solution:

| Specifications | Scenario D |
|----------------------|----------------------------------|
| Input Power | 208V/120V - 3 phase |
| Raised Floor | No |
| kW Range | 8 - 24 kW |
| Racks | 7 - 10 |
| UPS | Liebert NX On-line |
| Power Distribution | |
| - Panelboards | Liebert NX Slimline |
| - Power strips | Liebert MP Advanced Power Strips |
| - Maintenance Bypass | Included in UPS |
| Cooling | Liebert Challenger 3000 |
| Monitoring | Liebert Nform |
| Server Shutdown | Liebert MultiLink |
| Surge Suppression | Liebert AccuVar |

Solution:

For the server room or small data center of 7–10 racks, this innovative and reliable Liebert solution is perfect for your needs. When information is critical and downtime inexcusable, this pre-engineered solution has the reliability you demand. Racks, managed power strips, precision cooling, uninterruptible power and power distribution, surge suppression, monitoring, server shutdown software, installation service and support – all pre-engineered to work together.

Use this suggested scenario to begin framing the protection that suits your needs. To configure a solution, contact your local Liebert representative or call 1-800-877-9222.

Products:

- **Knurr Rack** – Lightweight, modular racks that offer 83% ventilation and simple add-on options.
- **Knurr Cable Management** – A full line of cable management accessories for effective control of any cabling requirements.
- **Liebert MP Advanced Power Strip** – Designed to distribute and manage power within the rack and meet the requirements of any rack-mounted IT equipment.
- **Liebert NX UPS** – A compact three-phase true on-line UPS that offers power-factor correction, frequency conversion, internal dynamic bypass, internal maintenance bypass switch, internal batteries, additional battery cabinets, intelligent local monitoring and remote communications.
- **Liebert NX SlimLine Power Distribution** – A compact power distribution unit integrated into the Liebert NX UPS that provides power distribution to the individual racks.
- **Liebert AccuVar Surge Suppressor** – Provides unparalleled protection from transient surges and electrical line noise.
- **Liebert Challenger 3000 Precision Cooling** – An active precision cooling system providing a versatile and quiet room solution, including temperature, humidity, filtration and airflow in an extremely small footprint (< 9sq.ft.).
- **Liebert Nform Monitoring Software** – Network-based monitoring of alarm notifications from cooling and power equipment.
- **Liebert MultiLink Shutdown Software** – Automated shutdown software permits configurable responses to UPS status changes.
- **Installation & Support Services** – Utilize Liebert’s local expertise to assist in assembling turnkey installation services as well as world-class service contracts for all of Liebert’s power and cooling products.

Products in this Scenario:



Knurr Racks



Cable Management



Liebert MP Advanced Power Strip

Scenario D

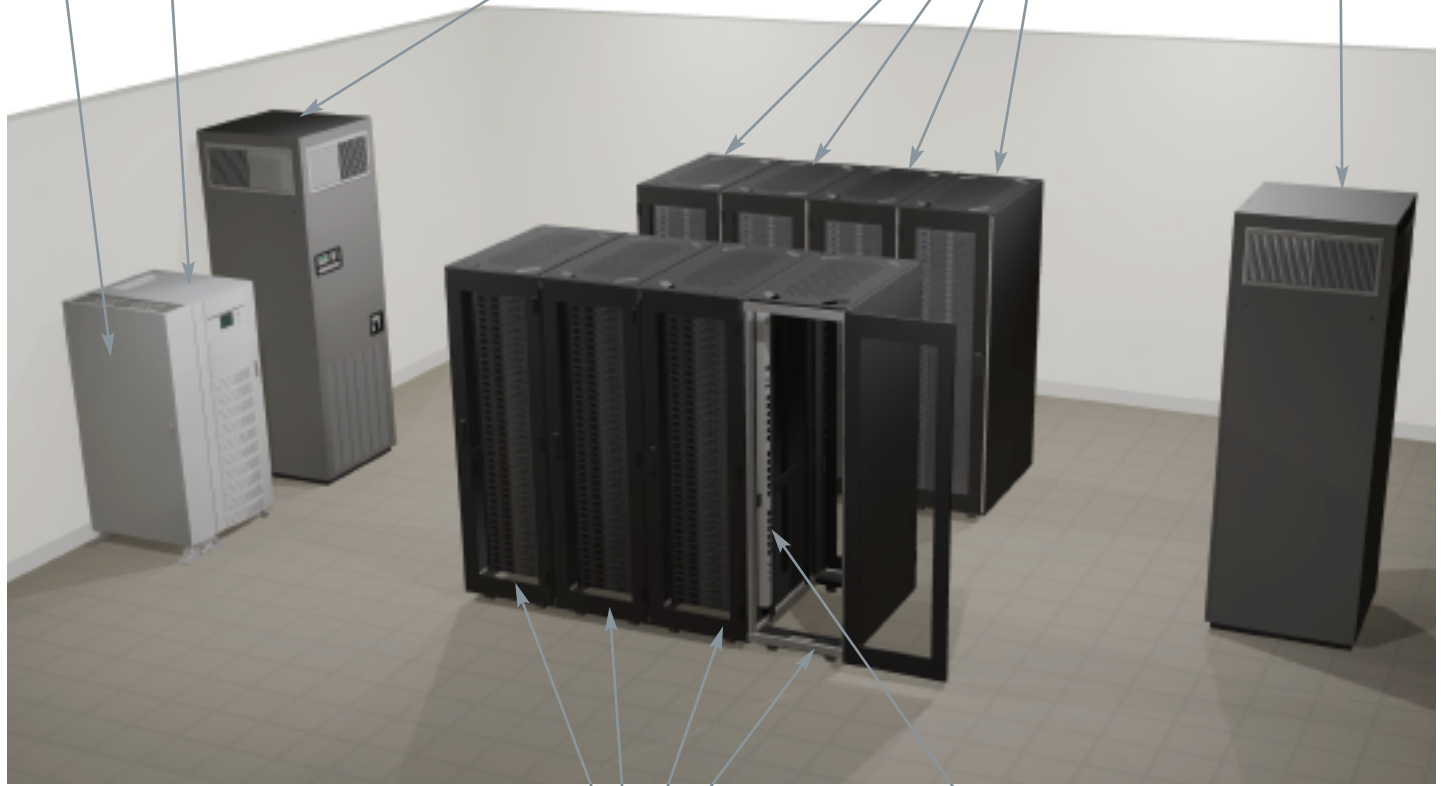
SlimLine Distribution Cabinets

Liebert NX UPS

Liebert Challenger 3000 Cooling

Knurr Miracel® Racks

Liebert Challenger 3000 Cooling



Liebert MP Advanced Power Strip

Knurr Miracel® Racks



Liebert
NX UPS



NX SlimLine
Power
Distribution



Liebert AccuVar



Liebert
Challenger
3000 Cooling



Liebert
Monitoring
& Shutdown



Installation,
Support and
Services

Scenario E

10-30 Racks – Small Data Center Three Phase

This is an example of a recommended solution:

| Specifications | Scenario E |
|----------------------|----------------------------------|
| Input Power | 480 / 208V - 3 phase |
| Raised Floor | Optional |
| kW Range | 36 - 72 kW |
| Racks | 10 - 30 |
| UPS | Liebert NX On-line |
| Power Distribution | |
| - Panel boards | Liebert FPC |
| - Power strips | Liebert MP Advanced Power Strips |
| - Maintenance Bypass | Included in UPS |
| Cooling | Liebert DS |
| Monitoring | Liebert Nform |
| Server Shutdown | Liebert MultiLink |
| Surge Suppression | Liebert AccuVar |

Solution:

As your system needs grow more complex, Liebert has the right solution for you. Designed specifically for the data center of 10 – 30 racks, this example combines racks, managed power strips, energy efficient precision cooling, uninterruptible power, power distribution, surge suppression, monitoring, server shutdown software, installation service and support – all pre-engineered to work as a cohesive system.

Use this suggested scenario to begin framing the protection that suits your needs. To configure a solution, contact your local Liebert representative or call 1-800-877-9222.

Products:

- **Knurr Rack** – Lightweight, modular racks that offer 83% ventilation and simple add-on options.
- **Knurr Cable Management** – A full line of cable management accessories for effective control of any cabling requirements.
- **Liebert MP Advanced Power Strip** – Designed to distribute and manage power within the rack and meet the requirements of any rack-mounted IT equipment.
- **Liebert NX UPS** – A compact three-phase true on-line UPS that offers power-factor correction, frequency conversion, internal dynamic bypass, internal maintenance bypass switch, internal batteries, additional battery cabinets, intelligent local monitoring and remote communications.
- **Liebert NX Battery Cabinet** – Extended battery cabinets are also available for longer back-up times. The Extended Battery Cabinet is a modular cabinet that will hold a maximum of 12 battery modules with the same level of monitoring and control as the battery modules fitted in the UPS.
- **Liebert FPC Power Distribution** – A self-contained rack that provides power isolation, power distribution to the individual racks, IT equipment-grade grounding and local monitoring.
- **Liebert AccuVar Surge Suppressor** – Provides unparalleled protection from transient surges and electrical line noise.
- **Liebert DS Precision Cooling** – An active precision room cooling system providing a highly energy-efficient solution, including temperature, humidity, filtration and airflow.
- **Liebert Nform Monitoring Software** – Network-based monitoring of alarm notifications from cooling and power equipment.
- **Liebert MultiLink Shutdown Software** – Automated shutdown software permits configurable responses to UPS status changes.
- **Installation & Support Services** – Utilize Liebert’s local expertise to assist in assembling turnkey installation services as well as world-class service contracts for all of Liebert’s power and cooling products.

Products in this Scenario:



Knurr Racks

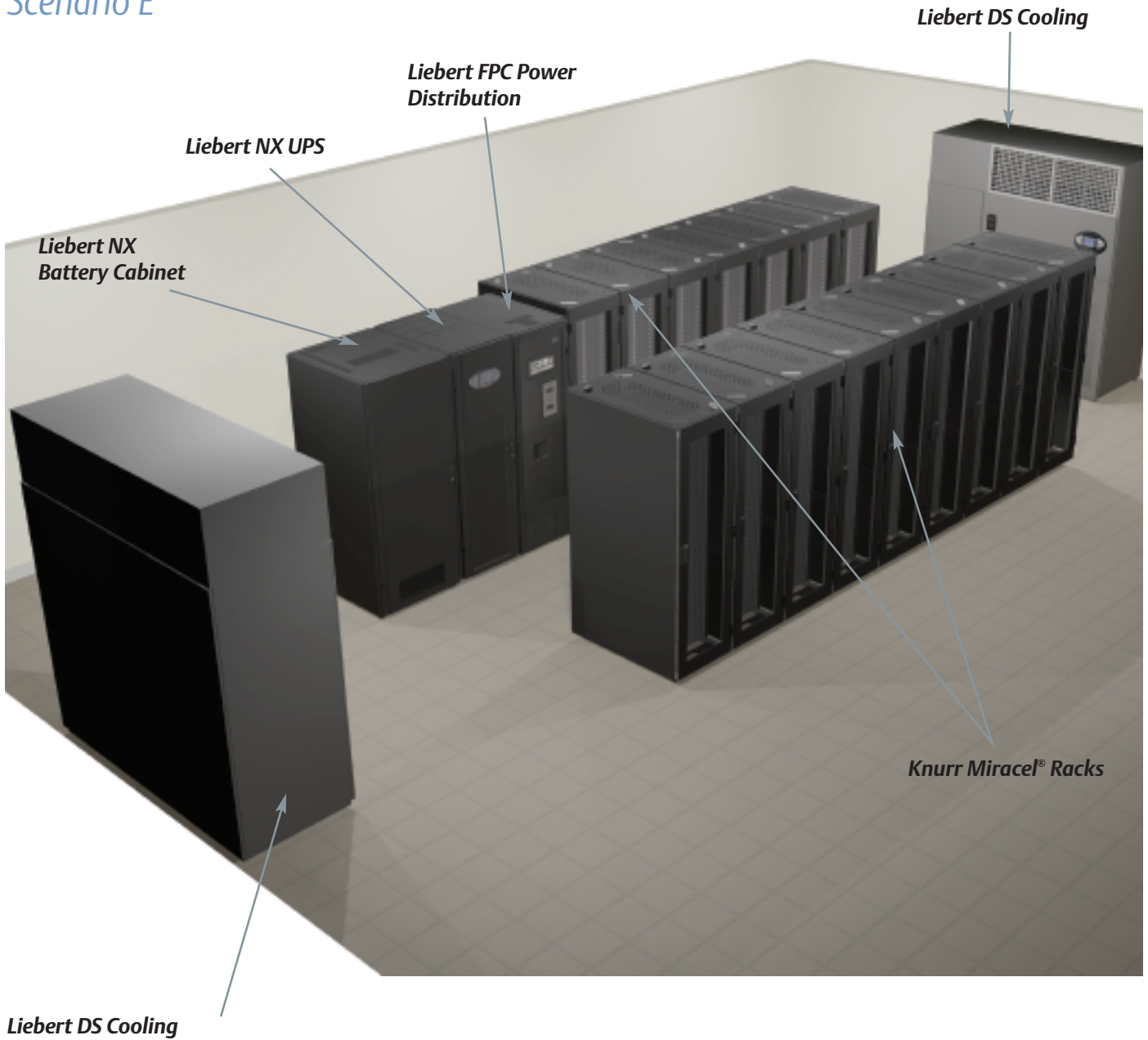


Cable Management



Liebert MP Advanced Power Strip

Scenario E



Liebert NX UPS



Liebert FPC Power Distribution



Liebert AccuVar



Liebert DS Cooling



Liebert Monitoring & Shutdown



Installation, Support and Services

Scenario F

30-60 Racks – Medium Data Center Three Phase

This is an example of a recommended solution:

| Specifications | Scenario F |
|------------------------------------|----------------------------------|
| Input Power | 480 / 208V - 3 phase |
| Raised Floor | Optional |
| kW Range | 72 - 144 kW |
| Racks | 30 - 60 |
| UPS | Liebert NX On-line |
| Power Distribution | |
| - Panelboards | Liebert FPC |
| - Power strips | Liebert MP Advanced Power Strips |
| - Maintenance Bypass | Included in UPS |
| Cooling | |
| - Room | Liebert DS |
| - High Density (Top of Rack) | Liebert XDV |
| - High Density (in-line) | Liebert XDH |
| - High Density Refrigerant Chiller | Liebert XDC |
| Monitoring | Liebert Nform |
| Server Shutdown | Liebert MultiLink |
| Surge Suppression | Liebert AccuVar |

Solution:

As your application grows in size to 30 – 60 racks and heat densities rise to unmanageable levels, Liebert is able to deliver a customized solution that is optimized specifically for your needs. This system consists of racks, managed power strips, precision cooling, extreme density rack cooling, redundant uninterruptible power, power distribution, surge suppression, monitoring, server shutdown software, installation service and support – all pre-engineered as a single system to meet your critical data protection needs.

Use this suggested scenario to begin framing the protection that suits your needs. To configure a solution, contact your local Liebert representative or call 1-800-877-9222

Products:

- **Knurr Rack** – Lightweight, modular racks that offer 83% ventilation and simple add-on options.
- **Knurr Cable Management** – A full line of cable management accessories for effective control of any cabling requirements.
- **Liebert MP Advanced Power Strip** – Designed to distribute and manage power within the rack and meet the requirements of any rack-mounted IT equipment.
- **Liebert NX UPS** – A compact three-phase true on-line UPS that offers power-factor correction, frequency conversion, internal dynamic bypass, internal maintenance bypass switch, internal batteries, additional battery cabinets, intelligent local monitoring and remote communications.
- **Liebert NX Battery Cabinet** – Extended battery cabinets are also available for longer back-up times. The Extended Battery Cabinet is a modular cabinet that will hold a maximum of 12 battery modules with the same level of monitoring and control as the battery modules fitted in the UPS.
- **Liebert FPC Power Distribution** – A self-contained rack that provides power isolation, power distribution to the individual racks, IT equipment-grade grounding and local monitoring.
- **Liebert AccuVar Surge Suppressor** – Provides unparalleled protection from transient surges and electrical line noise.
- **Liebert DS Precision Cooling** – An active precision room cooling system providing a highly energy-efficient solution, including temperature, humidity, filtration and airflow.
- **Liebert XDC High Density Refrigerant Chiller** – Specifically designed to support the Liebert XDV and XDH high-density cooling system – circulates pumped refrigerant.
- **Liebert XDV High Density Cooling** – A flexible high-density spot and zone cooling system that mounts on the top of the rack, taking up zero floor space.
- **Liebert XDH High Density Cooling** – A flexible high-density cooling system that sits in-line with rack enclosures.
- **Liebert Nform Monitoring Software** – Network-based monitoring of alarm notifications from cooling and power equipment.
- **Liebert MultiLink Shutdown Software** – Automated shutdown software permits configurable responses to UPS status changes.
- **Installation & Support Services** – Utilize Liebert’s local expertise to assist in assembling turnkey installation services as well as world-class service contracts for all of Liebert’s power and cooling products.

Products in this Scenario:



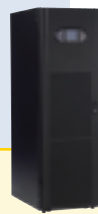
Knurr Racks



Cable Management



Liebert MP Advanced Power Strip



Liebert NX UPS



Liebert NX Paralleling Cabinet

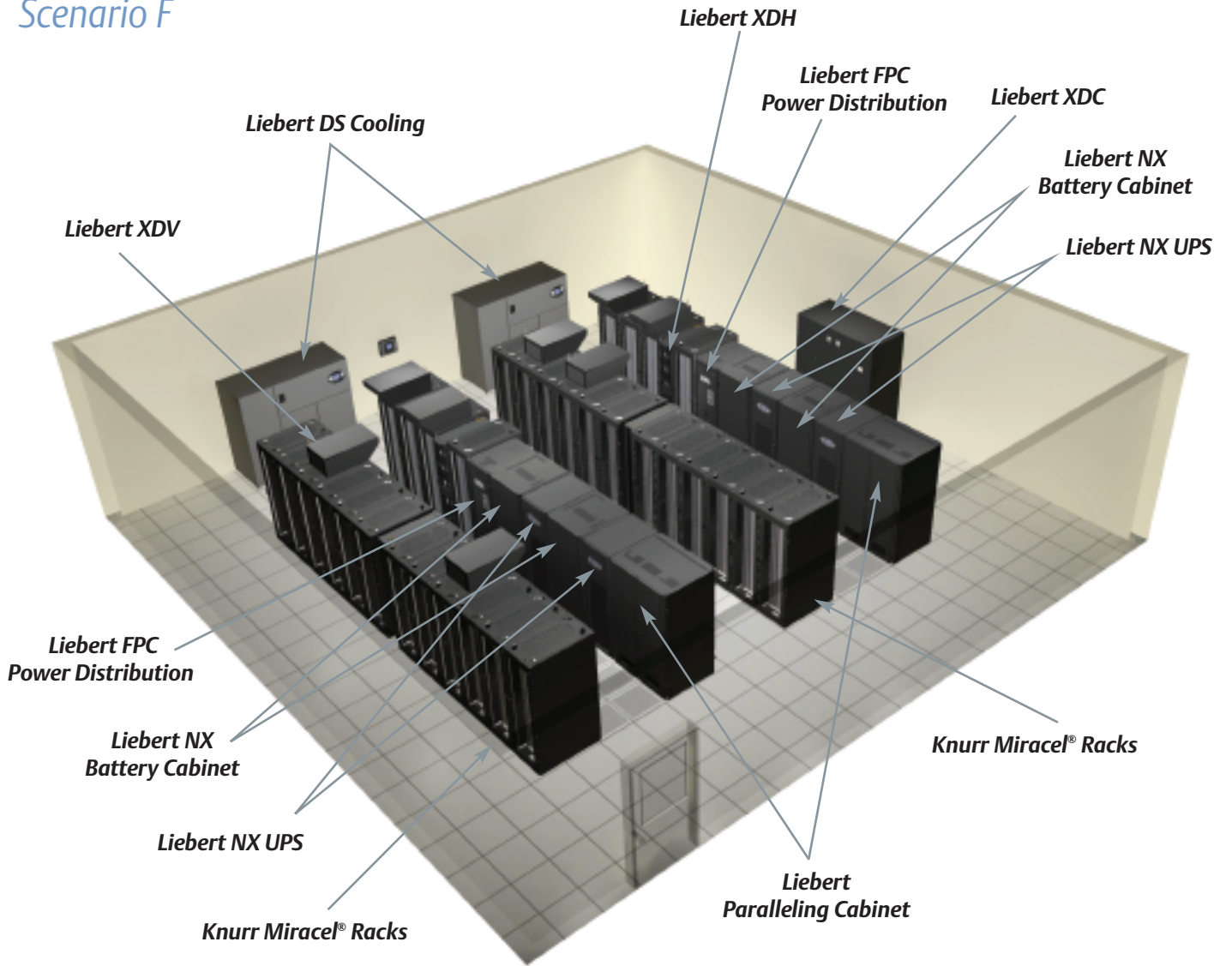


Liebert NX Battery Cabinet



Liebert FPC Power Distribution

Scenario F



Liebert AccuVar



Liebert DS Cooling



Liebert XDC



Liebert XDH



Liebert XDV



Liebert Monitoring & Shutdown



Installation, Support and Services

Delivering *Uptime Assurance.*

Emerson Network Power has the proprietary tools, industry knowledge and robust service infrastructure to deliver system availability when you need it most. Our grid-to-chip solutions strategy focuses on services for your entire critical equipment system; an approach that goes beyond standard offerings. It's a comprehensive Service Solution that incorporates the power and cooling management of your entire enterprise.

The Critical Equipment Services We Provide Include:

- Design Services—Availability assessments, infrared testing, electrical testing, cooling assessments, facility power audits.
- Preventive Maintenance—Regular maintenance ensures that your vital equipment always operates at peak performance. This extends availability and reduces total cost of ownership.
- Remote Monitoring Service—Predicting issues and potential failures before they arise. This creates a more sustainable and dependable network.
- Enterprise Remote Monitoring—Monitoring all of your critical support equipment, regardless of manufacturer. For when you need to know what's happening in all your facilities, but don't have the time or resources to do it yourself.

The Critical Equipment We Service Include:

- All UPS and Batteries
- Automatic Transfer Switch
- PDUs
- Bypass Cabinets
- Power Conditioning
- Precision Air Systems
- Generators



You'll Get A Response. And A Resolution.

Unplanned downtime can occur any day, any time. Confident customers know their critical systems services partner will have them back and running quickly and efficiently. After all, if downtime should strike, you need a partner that can get you online quickly with intelligent answers, rapid service response and parts where and when you need them.



We Have The Resources

Our Customer Resolution Center supports you 24x7x365. It's always staffed by knowledgeable people who understand your technology and your equipment. No messages. No answering services. We handle over 100,000 calls per year, and resolve them in an average time of 2.5 minutes.

We Have The People

Emerson Network Power Liebert Services has the coverage and capabilities to get you through just about anything. We have the highest number (over 375) and highest caliber factory-trained technicians in the industry, located across the country. What does this mean to you? Our average onsite response time is less than two hours.

We Have The Parts

To make sure the job gets done when it needs to, we have the most factory-certified parts—and the most sophisticated logistics system to get them wherever they're needed.



Ensuring The High Availability Of Mission-Critical Data And Applications.

Emerson Network Power, the global leader in enabling business-critical continuity, ensures network resiliency and adaptability through a family of technologies – including Liebert power and cooling technologies – that protect and support business-critical systems. Liebert solutions employ an adaptive architecture that responds to changes in criticality, density and capacity. Enterprises benefit from greater IT system availability, operational flexibility, and reduced capital equipment and operating costs.

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