



CASE STUDY

TOYOTA OPENS NEW CORPORATE CAMPUS

Creating a Work Environment that Works for Everyone

It's no small feat when a global corporation plans to consolidate some of its U.S. affiliates into one central, shared campus. So when one of the world's largest car manufacturers, Toyota, wanted to open a new North American headquarters in Plano, Texas, the list of things to do was long.

One of the goals of the new campus was to provide an open, collaborative and efficient workspace for four different affiliates. In addition, the move to Texas also puts the company closer to its manufacturing base in the U.S.

The new 2-million sq. ft. corporate campus needed to be able to accommodate the customer's 4,000 North American team members in various roles and, therefore, needed a secure and reliable data center that could keep up with the increased demand.

Thinking Globally, Working Locally

Anixter has worked with Toyota on their manufacturing side for the last 15 years and is familiar with their systems and business culture, which made the decision to select Anixter for help with the relocation easier. Anixter's first step was to work with Toyota's manufacturing division--which would be responsible for all the networking devices at the new campus--to design the new data center. This included building a custom interface that could integrate Toyota's data within the new infrastructure.

As risk management is essential in a data center, Anixter's next step was to equip the campus with a complete surveillance system, which included IP cameras in the data center, reception area and along the perimeter. Additionally, Anixter provided professional A/V, wireless, DAS and telecom systems across the campus.

Consistent standards are a high priority for Toyota, so Anixter put together a playbook that made it easy to implement the same system across the board at the customer's other locations. Anixter's global presence means that it can offer the same service and level of expertise, no matter the location.

Although thinking on a global scale is essential to Toyota, working locally was key to the project's success in Plano. Because Anixter is located wherever its customers are, it was able to have a dedicated team on site to oversee the project and keep an open dialogue. This specially selected Anixter team supported the project at all levels by working with the partners and the end user to ensure each group's goals and requirements were taken into account.

SUMMARY

Customer

Toyota

Challenge

Combine several North American locations into a single corporate campus

Solution

- Data Center
 - Ensured network flexibility
 - Optimized power
 - Improved thermal efficiency with CPI
- Managed risk with IP camera surveillance of the perimeter, reception area and data room
- Equipped campus with professional A/V, wireless, DAS and telecom solutions
- Developed strong relationships with all parties involved to ensure each group's goals were met

Results

- Effected a seamless transition, providing team members the data needed to continue work as usual
- Playbook created by Anixter allows turn-key implementation for an identical system at other locations
- Project timelines were met thanks to Anixter's logistical process
- Increased bandwidth from the secure, scalable and reliable data center is able to support the combined campus

Corporate Snapshot

YEAR FOUNDED
1957

MORE THAN
8,800
EMPLOYEES

APPROXIMATELY
50
COUNTRIES

OVER
150,000
CUSTOMERS

OVER
300
WAREHOUSES/
BRANCHES

OVER
\$1.0 BILLION
INVENTORY

IN OVER
300
CITIES

STOCK SYMBOL
AXE

NEARLY
600,000
PRODUCTS

FORTUNE
500
COMPANY

Utilizing Anixter's local partner carriers, Anixter was able to have standard shipments from its local distribution facility to the construction site within two hours. The project stayed on schedule thanks to feed-the-job and just-in-time delivery requirements, which were monitored by the inside sales team to accurately stage and schedule deliveries in conjunction with the construction schedules and contractor timelines.

Achieving Efficiency

Anixter's supply chain services streamlined construction of the data center by ensuring a high degree of accuracy and availability of the stock they needed, when and where they needed it. The new campus, which opened in 2017, will maximize team member efficiency and allow Toyota's various divisions to work in harmony.

Visit our website for more information on our Infrastructure as a Platform approach to smart buildings and data centers.



Best practices for

- Risk management
- Network performance
- Workforce productivity
- Space utilization
- IoT enablement

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Best practices for

- Risk management
- Network migration
- Power optimization
- Thermal efficiency
- DCIM enablement

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