



ROMAN ELECTRIC CO.

Since 1929

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"COMMENT"

“Whether your company has a few standard telephone lines, trunk lines or a huge network, we offer cost-effective telephone system solutions to enhance your business. And we emphasize customer service and support just as Roman has for 73 years. For ideas on telephone systems, see the Current Tips article on page 3.”



Gregg Jacobs
Roman TechNet
Sales Manager

CURRENT events

Electrical Construction and Maintenance News for Business and Industry



Nitto Americas Builds in Pleasant Prairie

Nitto Americas, a unit of Nitto Denko, Osaka, Japan, the world-wide leader in manufacturing tapes and adhesives for a variety of commercial applications, is building a new 180,000 sq. ft. facility in Pleasant Prairie.

The company chose the Lakeview Business Park location, a Wispark Development, to benefit from the area's central location,

several good technical colleges nearby, relatively low-priced electrical and gas rates, and the Midwest work ethic.

Nitto Americas owns 87 acres in the Business Park and plans to build more manufacturing, warehousing, R&D, and headquarters structures. The \$200 million seven-building campus will house its U.S. headquarters, now located in New Jersey.

Nitto Americas is building a 180,000 sq. ft. facility (above) in Pleasant Prairie to manufacture its line of Permacel tapes and adhesives.

Roman Electric is handling design/build of the electrical system for general contractor Berghammer Corp. Roman crews installed a 24.9KV primary substation, the distribution system, lighting, branch power, and the fire

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Huge New Production Plant for Journal Sentinel

Journal Sentinel Inc. has built a 448,000 sq. ft. newspaper production plant on a 41 acre site south of W. Burnham St. between S. 37th St. and Miller Park Way. In the past Babcock & Wilcox Co. and Inryco Inc. had been located there.

The company will install new presses in phases with all being operational in the new plant by the end of the year.

The Journal Sentinel building on 4th and State Streets will continue to be used for editorial and corporate offices.

Working on a very tight time frame, Roman electric installed over \$3,000,000 worth

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The expansive new 448,000 sq. ft. Journal Sentinel Inc. production plant was built on a 41 acre former industrial site south of Burnham St. and west of 37th St.





Magnetek Rapidly Relocates Production Lines



To improve plant efficiencies, Magnetek consolidated its Electromotive Systems and Elevator Products divisions in one of its Menomonee Falls manufacturing plants. Roman Electric installed a much more powerful 2000 amp service and distribution system.

Magnetek, an international leader in the manufacture of power electronics and industrial controls, consolidated two operations to improve efficiencies. It moved its Elevator Products division from New Berlin to share two buildings totaling 85,000 sq. ft.

in Menomonee Falls with its Electromotive Systems division.

Magnetek requirements included fast relocation to limit manufacturing down time and a significant upgrade in electrical capacity to power production and two R&D labs totaling 20,000 sq. ft.

Jim Parks, project manager for renovation general contractor Berghammer Corp. said, "We got Roman involved at the beginning because the project was so intensely electrical. Given the size of the space I would never have guessed that there would be \$350,000 worth of electrical work needed, which constituted 2/3 of the budget.

"So it was valuable for us to have a capable design/build partner like Roman. They've got talented people and are very good at uncovering the needs of the client - they're very proactive."

Roman project manager Dennis Strenk, foreman Dave Emery and a crew of eight electricians installed new 2000 amp services in both buildings to substantially upgrade the power systems. Mark Holter was Roman's commercial service manager on the job.

Roman helped custom design the new lab and testing area to provide several different power voltages to 12 test and

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180,000 Sq. Ft. Headquarters Plant

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alarm network. To achieve electric service redundancy, the electrical system's four transformers can receive



Control wiring for an unwinder on the process line is installed by Roman electrician Jason Schuebel.

power from each of two primary switches.

Roman also had separate contracts with two suppliers of manufacturing systems to install wiring for coating line ovens, an oxidizer and process equipment.

TechNet Expertise

Roman TechNet was also key in the construction. TechNet web site specialists set

Jeff Brown (left) completes the motor control center for the coating line ovens.

up and kept current a dedicated web site to give representatives from the owner, contractors and suppliers access to the latest job site details.

Roman TechNet cable technicians installed a redundant fiber optic ring and five telecommunications closets in the plant to service all data locations with Cat 5 cable and make sure the data system is always up and running.

In the offices, TechNet

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"If you're like us, you're always looking for new ideas, better methods and new business."

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is one way we can show you building developments, new power systems, information technologies, skilled techniques, useful ideas. We want you to remember Roman Electric when you're ready to build or repair electrical systems, computer networks and voice/data installations."



Roman installed a new 2000 amp customized electrical system with specialized multi-voltage testing equipment for Magnetek's renovated R&D plant.

Upgraded Power and Efficiency

Continued from page 2

development benches. They installed two large, specially designed 400 KVA multi-tap transformers for testing drives with a variety of voltages.

Roman's crew also helped shut down, rewire and upgrade production equipment moved to

the renovated plant so quickly that only two days of production were lost. Tim Schallhorn, process improvement manager for Magnetek Industrial Controls, said, "Dennis and Dave were very knowledgeable, and helped us understand our needs and develop a plan. We couldn't have done it in time without them. Roman did a great job." 

Nitto Americas

Continued from page 2

installed 125 data and 75 voice lines, a Northern Telecom telephone switch, and 4" conduit from the building under future roads to accommodate fiber lines for future buildings.

Craig Eischen, Berghammer project manager, said, "This was a unique job for Roman because they were hired by us, did work for Nitto directly, and worked for equipment suppliers.

"They're doing an excellent job dealing with multiple groups and different people at the same time, and satisfying each with service and manpower."

Don Pirlot, Nitto Americas plant manager, was also pleased. "Roman is on time with everything. Project manager Gabe Rose and his crew are doing a great job," he said.

Other major contributors for Roman included Phil Rose,

who designed the electrical system, project superintendent Len Sagan and foreman Brian Paulick. 

Roman TechNet cable installation foreman Dan Patterson works on one of three head end cable cabinets in the plant.



CURRENT TIPS

Choosing Telephone Systems With Cost-Effective Capability

You may not be aware that Roman TechNet also evaluates and installs telephone systems. And whether your system needs two phones or 500 phones, it can pay dividends to analyze your needs and usage.

What do you look for? "We look at a company's needs, telephone hardware, connectivity (telephone, data and long distance), and current spending," says TechNet sales manager Gregg Jacobs. His goal is to find cost-savings in the present system that will help pay for a new or improved system.

One consideration is long distance cost. Is your rate competitive? Today there are a variety of providers so comparing can yield savings. Or simply ask your current provider for a better rate.

If you're a small company with only a few lines and phones, but plan to grow, the right choice can reduce telephone system costs. A flexible system TechNet recommends allows you to add more telephones and lines as needed while retaining your existing hardware and software.

For a company with at least 14 lines coming in, getting a T1 circuit may be cost-effective. Based on average business costs for 2000 calls per month, you'd normally spend about \$550-\$600 per month. With a T1 you benefit from an ISDN-PRI circuit that uses multiplexed digital signals to send multiple lines through the circuit at a usage fee of less than 1 cent per minute. And the circuit provides 23 lines. With the T1, you could save \$100-\$150 per month. If you have more lines, you'll save even more.

If you have fewer lines but make more calls, a T1 may still be the best choice. Say you have


eight lines and make 5000 calls per month. The average business cost would be around \$785 per month. With a T1 you'd pay about \$700, again with 23 potential lines.

The most efficient telephone system begins with a full service consultation before choosing



"When we opened our Milwaukee office, Gregg Jacobs of Roman TechNet came in and gave us an unbiased opinion of what we needed," said John Vondra (above), general manager of Renewal by Anderson. "He recommended a reasonably-priced Toshiba system that fit our needs and budget, and gave us the flexibility to expand as we grew. Since then they've added several more lines and hooked our stereo system to the telephone network. Best of all Gregg Jacobs has been wonderful. He treats us like we're special. We appreciate Roman's detailed service."

hardware. And remember that service and support can be important. Roman TechNet technicians are available 24 hours per day, seven days per week.

For details, call Gregg Jacobs at (414) 771-5400. 



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The well-lighted new Journal Sentinel newspaper production plant is illuminated by 4,650 fluorescent and HID lamps installed by Roman Electric crews.


New Production Plant on 41 Acre Site

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of power and lighting systems in just six months with crews of up to 43 electricians. General contractor was The Austin Co., a Schaumburg, IL design/build contractor.

The huge plant will primarily be used for production, with some processing, storage and office space. Roman's work included installation of power distribution, backup power, lighting and fire alarm systems

including almost 2,000,000 ft. of wiring.

Sean Briggs was Roman project manager, Tom Hall was project superintendent, and Paul Courtney, Sean Radtke, Ken Beiro and Len Taylor were foremen on the job. 

Roman foreman Paul Courtney (right) turns on one of three 30,000 watt lighting inverters, battery-powered units that will provide emergency power to lights for up to 90 minutes during a power outage.



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