



**SIEMENS**

Water Technologies

Turning What You  
Have Into What  
You Want.

The Retrofit  
Solution.



We can provide the equipment and the process design, as well as, the installation capabilities to get the job done.



Our extensive  
reconditioning  
and retrofit  
experience will  
save you time  
and money.



The funding and construction of a green-field treatment facility can take literally years in planning and development. For some systems, this is much more than is immediately necessary and now there is a solution that can often achieve the same goals: the Siemens Retrofit Team. Now, you have options.



Our capabilities and services are not limited to specific brands and types of products. We bring a world of know-how to your door step.

- Update** Bring your process into the 21st Century without replacing the components that are still perfectly usable.
- Upgrade** Improve a process or operation to meet increased volume or quality requirements.
- Retrofit** Change the components of your system to allow you to meet current and future needs.
- Renovate** Clean up, fix up and improve the operation, functionality, as well as the safety of your existing system.
- Maintain** Protect the long-term value of your systems with a comprehensive servicing of components, wear-elements, and structures.
- Inspect** Prevent unexpected failures with a quantitative and qualitative review of components and systems.
- Install** Add a component with the assurance that it has been properly incorporated and tested for safe and effective operation.
- Economize** Avoid wasting resources on poorly operating or failed components and gain the advantages of maximum efficiency.

From a new paint job to a comprehensive process redesign, the Siemens Team can help you preserve the investment you have and achieve the process goals you require. Now, you can enjoy the benefits of advanced technologies and practical field-service know-how from the industry's most comprehensive source.



- **Biological Technology/Process Updates** Process technologies have progressed significantly in the last ten years and now your existing facility can benefit from the latest and most efficient developments. The Siemens Team has the experience to increase the capabilities of your existing equipment and technologies, as well as individual specialists equipped to address the optimization of your specific process methods. Services range from the refurbishing of existing facilities to the retrofitting of advanced process technologies into your current operations. Results typically include increased capacity and dramatically improved effluent numbers.
- **Clarification** The Siemens Team can transform your aging clarification system into a fully-functional process, once again. Depending on the condition of your clarification process, the Siemens Team can replace individual components—such as high efficiency components, enhanced energy dissipating baffle system to improve settling, drive units, and chain & flights—or provide you with a complete and comprehensive make-over. Your updated system will have a new equipment warranty and you will have the piece of mind that comes with a job well done.
- **Filtration** From traveling bridge filters to deep bed sand filters, the Siemens Team can repair or replace individual components or recondition your entire system. Typically, over time, the efficiency and volume capabilities of most filters are compromised. The Siemens Team can bring your system back to a "better than new condition" with advanced underdrain components, air scour systems, and enhanced backwash technologies. Full filtration upgrades can even increase your ability to meet stricter effluent requirements and open up options for effluent re-use.
- **Digester Covers and Heat Exchangers** The Siemens Team can address everything from simple repairs and upgrades to complete replacements. Siemens is your source for digester covers—floating or fixed—gas holders (including DYSTOR® systems), and digester mixing technologies, as well as heaters/heat exchangers, and gas safety equipment. Plus, Siemens can provide any safety and operator training that you may need.
- **Screw Pumps** To keep your screw pump systems in top operating condition, the Siemens Team provides parts, service, and upgrades. For example: The Siemens Team can provide you with a new positive displacement oiling system, complete with PLC control panel; or new hardened rollers to increase the safety and reliability of your screw pump system. Also, the Siemens Team can quickly change-out outdated components, such as gear reducers, guards, and grease systems.

- **Expand Capacity** The Siemens Team can increase the process capacity of your existing facility with the addition of components and technologies and allow you to meet your expanded or growing capacity needs. Often, this can be accomplished without taking your existing system off-line for extended periods. By expanding capacity, existing investments can continue to be utilized and a savings can be realized over the cost of a new green-field facility.
- **Meet Stricter Effluent Regulations** Previous investments made in treatment facilities designed for the regulations of the past can often be preserved by the Siemens Team through the addition of proven technologies and systems. This can represent a significant savings and—most importantly—bring your effluent into compliance in a much shorter time period.
- **Avoid System Failures** Components and systems age at varying rates, with some parts remaining useful while others are in imminent danger of failing. Often, the failure of vulnerable components can trigger larger failures and result in damages and hazards well beyond the scope of the individual component failure. The Siemens Team can help you avoid such events and allow you to have repairs and replacements made on a schedule which is sure to be more convenient than an unexpected failure.
- **Reduce Maintenance Issues** As equipment, components, and systems age, it is common for maintenance related issues to increase dramatically in both their frequency and costs. The Siemens Team can help you to identify root-causes and provide comprehensive solutions that will substantially reduce your maintenance time and expense.



You will enjoy  
the advantage  
of improved  
technologies.

Both process  
and mechanical.

The comprehensive  
scope of Siemens Water  
Technologies puts you  
immediately in touch  
with the industry's  
latest advancements  
and money saving  
approaches.

Let's take care  
of water. Together.

Siemens  
Water Technologies  
1828 Metcalf Avenue  
Thomasville, GA 31792  
Tel: 800.841.1550  
[www.usfilter.com](http://www.usfilter.com)  
[retrofit.water@siemens.com](mailto:retrofit.water@siemens.com)

Siemens Water Technologies has the capability and experience to retrofit any wastewater treatment equipment, regardless of its original manufacturer. In addition, original equipment manufacturer parts and service are available for the following brands:

- Davco™ products
- Envirex® products
- Jet-Tech products
- Rex® water treatment equipment
- Link-belt® water treatment equipment

For information on our parts and services, please call 800.931.1755.

The information provided in this brochure contains merely general descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.

Siemens, DYSTOR, Davco and Envirex are trademarks of Siemens AG, its subsidiaries or affiliates. Rex is a trademark of Rexnord Corporation. Link-belt is a trademark of FMC Corporation.

Printed in the USA.

©Siemens 2006. All Rights Reserved  
BC-RT-BR-0606