It’s not the same old retort room...

Imagine an ideal retort room.
Got it?
Now, a couple questions:
1.) How much automation is in that room?
2.) How many operators were there?
3.) How fast was the line moving?
4.) How organized was the room?

Allpax sees that retort room a little bit differently. We want our customers to be able to do more with less. With that in mind, all of our designs incorporate the latest technologies. Some examples:
- Flexible, versatile High-Speed Robotics systems
- The record-setting HyperLoader
- The unmatched processing power of the one and only Shaka Process®

In our 25th anniversary year, Allpax remains as focused as ever on our customers’ needs. Here are just a few of the new things we’re working on:
- **Agitation**—get the most out of your retorts and your products...try Gentle Motion and The Shaka Process
- **Automation**—whether it’s speed or flexibility or both, we’ve got you covered with the latest advancements in product movement and management
- **Efficiency**—hybrid processes, energy conservation techniques, high-strength composite racking options...it’s all about the customer and how to make your process **cost you less**
Energy saving initiatives are now getting global attention on all levels of manufacturing. Allpax has designed systems and control techniques to maximize utility usage not only in the retort room, but elsewhere in the plant.

Make no mistake, retorts have a reputation for being “energy hogs”. While they’re much more efficient in delivering heat than the oven in your kitchen, there is still room for improvement. Freshly engineered designs from Allpax handle excess water and steam with an emphasis on maximum efficiency. And these designs have dramatically changed the “bottom-line” cost to sterilize a product and container.

The latest buzz about energy conservation is the spark for a new way of envisioning plant operation.

What can YOU do with your existing system?

In the modern age of retort processing, it’s not enough to just run a clean operation. New governmental regulations and natural market evolution mean there’s more pressure than ever on manufacturers to increase efficiency.

Increasing efficiency might mean optimizing retort processes to create higher quality products at a higher speed.

Or it might mean saving money on utilities by utilizing the latest energy-saving technologies.

Or it might mean installing automation to reduce the likelihood of human-induced delays in the line.

You owe it to yourself to take a good, long look at your line to see what could improve.

When you isolate your problems, the next question will be: Who will help me with this?

Allpax can. Give us a call.

Steam Recapture

As part of an efficiency initiative, Allpax recently developed the technology for a system designed to lower energy costs and reduce water consumption on horizontal steam retorts. The design was simple: capture vented steam and turn it into hot water.

This hot water can be used to supplement hot water in lavatories and cleaning stations or it can be run through heat exchangers for heating food or other processes at the facility.

Water Consumption and Disposal

By default retorts naturally create lots of free water during the sterilization process. Allpax customers asked a simple question: Can this water be captured and used elsewhere in the plant?

With another Allpax design, water that has traditionally been routed to the plant drain can be recaptured and stored for use throughout the day.
O&A: Versatility

Q: What are the benefits of Design and Fabrication versatility?
A: At Apex offers many different designs and fabrication methods that can be customized to meet specific customer requirements. This versatility allows for the creation of products that precisely meet the needs of each customer, minimizing the cost-per-unit delivered.

Study:
Revitalization: A Case

Fabrication versatility?

record keeping provided as a system operating.

technician reports that he is system are readily

Looking like this:

Primary drivers: customer demand

Obsolescent controls:

Customer issues at a
A primary category example
Primary driver example

Capacity issues at a
A secondary category example

Obsolescent controls at a
A secondary category example

Primary drivers: vendor demand

Secondary drivers: customer requirements

Solution: A vendor searched for a vendor and finally found a vendor who could meet the company’s needs. One of the issues they faced was finding a vendor who could provide the required service. The solution they found was to work with a vendor who had the necessary expertise and resources to meet their needs.

Solution: A second solution was to use a different approach to solving the problem. This involved finding a vendor who could provide the required service at a lower cost. This vendor was able to provide the required service at a lower cost than the original vendor, and the company was able to achieve the desired results.

Solution: A third solution was to work with a vendor who had the necessary expertise and resources to meet their needs. This vendor was able to provide the required service at a lower cost than the original vendor, and the company was able to achieve the desired results.

Solution: A fourth solution was to use a different approach to solving the problem. This involved finding a vendor who could provide the required service at a lower cost. This vendor was able to provide the required service at a lower cost than the original vendor, and the company was able to achieve the desired results.

Solution: A fifth solution was to work with a vendor who had the necessary expertise and resources to meet their needs. This vendor was able to provide the required service at a lower cost than the original vendor, and the company was able to achieve the desired results.

Solution: A sixth solution was to use a different approach to solving the problem. This involved finding a vendor who could provide the required service at a lower cost. This vendor was able to provide the required service at a lower cost than the original vendor, and the company was able to achieve the desired results.

Solution: A seventh solution was to work with a vendor who had the necessary expertise and resources to meet their needs. This vendor was able to provide the required service at a lower cost than the original vendor, and the company was able to achieve the desired results.

Solution: An eighth solution was to use a different approach to solving the problem. This involved finding a vendor who could provide the required service at a lower cost. This vendor was able to provide the required service at a lower cost than the original vendor, and the company was able to achieve the desired results.

Solution: A ninth solution was to work with a vendor who had the necessary expertise and resources to meet their needs. This vendor was able to provide the required service at a lower cost than the original vendor, and the company was able to achieve the desired results.

Solution: A tenth solution was to use a different approach to solving the problem. This involved finding a vendor who could provide the required service at a lower cost. This vendor was able to provide the required service at a lower cost than the original vendor, and the company was able to achieve the desired results.

Solution: An eleventh solution was to work with a vendor who had the necessary expertise and resources to meet their needs. This vendor was able to provide the required service at a lower cost than the original vendor, and the company was able to achieve the desired results.

Solution: A twelfth solution was to use a different approach to solving the problem. This involved finding a vendor who could provide the required service at a lower cost. This vendor was able to provide the required service at a lower cost than the original vendor, and the company was able to achieve the desired results.
ProMach is a family of companies whose focus is on one thing: the customer. ProMach provides integrated packaging solutions for its customers worldwide. We create exceptional value through the delivery of reliable products and support. ProMach customers include many Fortune 500 companies and other leading companies worldwide which need reliable, durable, and technologically advanced packaging equipment and integrated solution sets.

Turnkey Systems: It’s a Family Affair

Now you know Allpax. But let's take a walk through a typical manufacturing facility, shall we? Allpax is part of a large family of customer-centered companies called ProMach. And I bet we find ProMach divisions from the front of the line to the back...

• Filling, Sealing, and Capping
Whether it’s filling the container or making sure it stays full, these guys have you covered.

• Product Handling and Conveying
It’s here. It needs to be over there. And you need to call these guys.

• Labeling
What is it? How much is it? How do you make it look pretty? I bet these guys can help.

• Case Forming/Stacking, Shrink-Wrapping, Etc.
Looks great! Now what do you do with it? These guys are the experts.