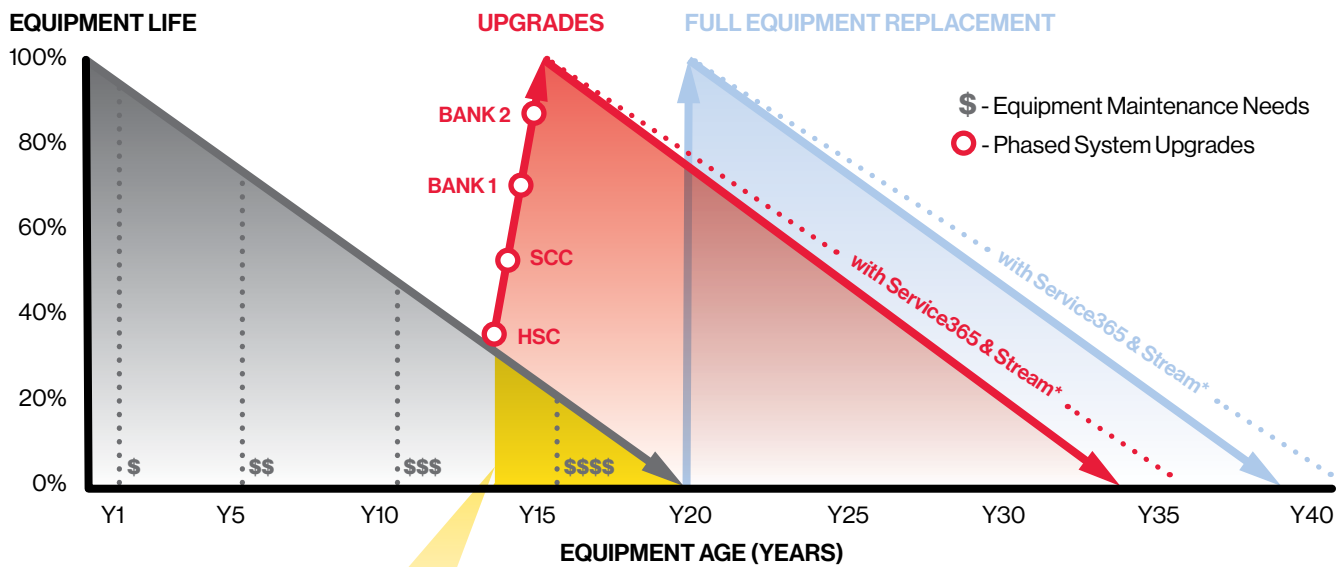


Phased System Upgrades

Phased system upgrades are ideal for plants who own a Gen 2 TrojanUV3000Plus system (2007 model) that is nearing the end of its lifespan in the next 5 to 10 years. This approach offers a strategic alternative to a complete system replacement with gradual component upgrades to maintain system functionality, reduce the risk of failure and provide long-term cost savings.



Start gradually upgrading your system to avoid a period of high maintenance costs.

***Service365™**: Multi-year preventative maintenance service-level agreements. **Stream™**: Remote monitoring digital platform

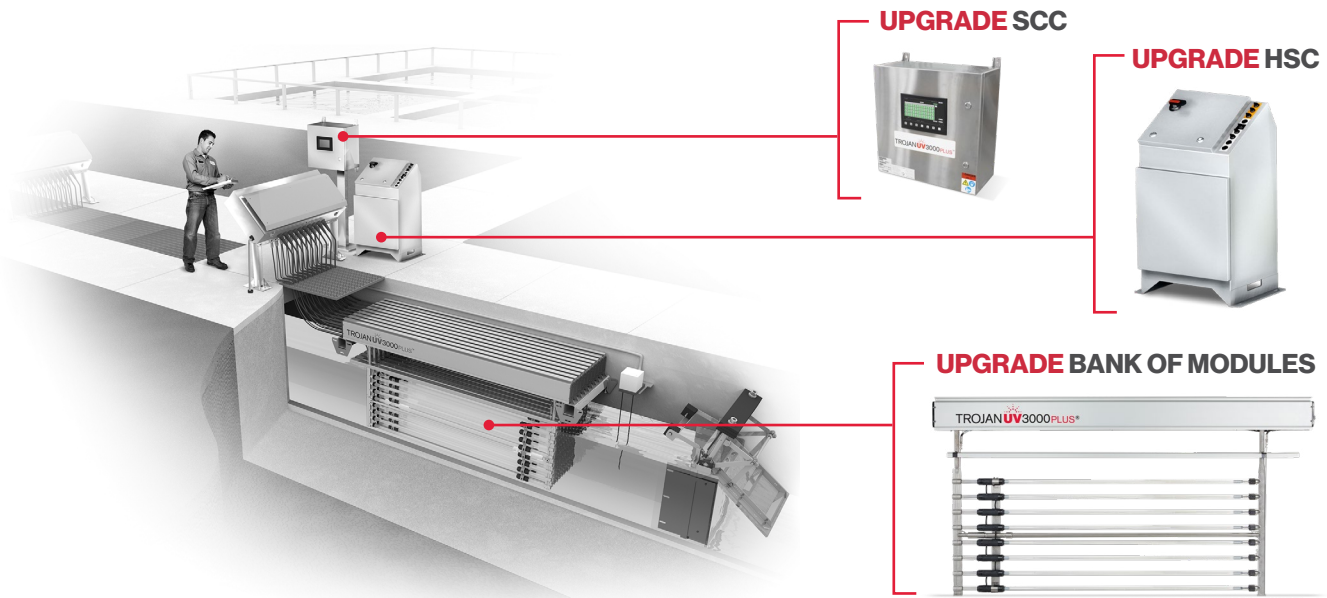
Benefits of a Phased Upgrade Approach

Technological Advancement: Avoid obsolescence, unplanned downtime, and higher maintenance costs by taking advantage of the latest technologies and parts that are available now and into the future.

Modernization without Disruption: Upgrade to a modern system equivalent to the latest release of the TrojanUV3000Plus (Gen 3, 2022 model), ensuring your system remains cutting-edge and efficient without the hassle of extensive civil works.

Budget-Friendly Installation: Schedule component upgrades over time and as your budget allows to extend the lifespan of your system and maximize your investment. These small investments in your system can result in long-term cost savings.

Maximizing Value with Strategic Upgrades



System Control Center (SCC)

Your System control center (SCC) monitors and controls all UV functions, serving as the central hub for real-time system operations. Electronic components have evolved quickly and many original components are gradually being discontinued by their manufacturers, so we have developed new solutions to support your continuous operations.



Upgrade Options:

- Enhance system monitoring, fault detection, and response capabilities, improving safety standards and reducing maintenance needs.
- Our latest standard offerings include a PLC (Allen-Bradley Compact Logix) or Trojan-branded controllers (TouchSmart or TouchSmart Plus). You choose the option that best meets the needs of your facility and budget.
- Enabled with Stream, our digital network and toolbox that gives you access to the right information and support when and where you need it.

Hydraulic System Center (HSC)

The Hydraulic System Center (HSC) powers and controls the ActiClean[®] sleeve cleaning system to automatically remove fouling from quartz sleeves and allow the maximum amount of UV light to enter the water and reach target microorganisms. Certain components of older model HSC's have been discontinued due to technology advancements and evolving industry standards.



Upgrade Options

Depending on your existing HSC model, we have a full HSC replacement option or backplate replacement kits. These upgrades address component obsolescence and ensure optimal control over the cleaning system.

UV Modules

UV modules require periodic maintenance and replacement of components. When it comes time to replace these components, consider investing in a complete module upgrade as an alternative to reworking your existing modules. Costs are comparable and you save on labor as a module upgrade includes all new lamps, sleeves, seals, module cables, wiring, lamp drivers, and communication card housed in a factory assembled and tested unit complete with a new warranty.



Upgrade Includes:

New Integra™ Lamp Assembly: The same proven TrojanUV3000Plus lamp and sleeve, now pre-assembled and factory-sealed into a water-tight assembly that reduces the time and complexity of lamp maintenance. 100% recyclable; no disassembly required.



Improved ActiClean Sleeve Cleaning System: The canisters that hold the cleaning gel are now bigger and more robust, with the ability to hold double the amount of gel for fewer re-fills.

Start Planning, Stay Ahead

We're here to help. If you have questions about obsolete components or are ready to start planning your system upgrade, call us at **(800) 291-0851** to speak with your Regional Account Manager or visit us at trojantechnologies.com.

To learn more about the brands and affiliates of Trojan Technologies, please visit www.trojantechnologies.com