



Leading Edge

Protecting Your Business for a More Sustainable Future

HOTSHOT & SAME DAY DELIVERY AVAILABLE!

CALL 248-735-7000

MARCH 2026



Refurbish vs. Replace: Extend Asset Life

(Keep Capex under control)

When critical equipment starts showing wear, corrosion, or performance issues, the default reaction is often: "We need to replace it."

But for many facilities, the better first question is: "Can we rebuild and protect it so it runs like new again?"

At Unconventional Solutions, we help maintenance teams refurbish high dollar assets, and mitigate corrosion so you can extend service life, reduce downtime, and avoid unnecessary replacement costs.

The Refurbish Advantage

Refurbishing can provide:

- Lower total cost compared to new equipment + installation
- Reduced downtime by planning repairs around outages
- Improved reliability with upgraded corrosion protection
- Stronger lifecycle ROI by preventing recurring damage

Spotlight Case Study: Hospital Chiller Refurbishment

A hospital facility team faced a major decision. A new chiller was estimated at ~\$450,000, not including removal and installation. Rather than immediately replacing the unit, they asked us to evaluate a refurbishment strategy. At the time, the total refurbishment scope was quoted at \$51,000 (pricing varies — contact us for current estimates). The result? Significant capital savings and extended equipment life without full replacement.

Abbreviated 3 step process for refurbishment:

1. Surface prep to NACE #2
2. Rebuilt corroded metal using RESIMETAL 201 Ceramic Repair Paste
3. Applied two layers of RESIMETAL 202 Ceramic Repair Fluid—one blue and one gray coat (pinholes/holidays are easier to detect and repair), while also improving corrosion protection.

Think It Needs Replaced? Send photos and details. We'll tell you if it can be refurbished.

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View Full Story:

Search "Hospital Chiller" at USIgroups.com

S2S Corrosion Shield

High-performance
Anti-corrosion coating and dielectric lubricant



Engineered to protect metal surfaces from:

- Rust
- Oxidation
- Electrolysis

Did you miss our tech talk on Feb 18th?

View at: usigroups.com/techtalk/

Resimac 201 Ceramic Repair Paste

Advanced Ceramic Fillers:
Infused with hardened ceramic fillers for superior durability and resistance to wear.



Surface Compatibility:

Ideal for application on surfaces that have been abrasive blast cleaned, ensuring robust adhesion and longevity.

Thick Application Capability:

Can be applied at thicknesses up to 1 inch.

Resimac 202 Ceramic Repair Fluid

Enhanced Protection:

Offers superior protection against aggressive fluid flow environments, safeguarding metallic surfaces from erosion and corrosion.



Ceramic Filled Epoxy: Contains hardened ceramic fillers for increased resilience and longevity.

Surface Compatibility: Can be applied to surfaces that have been abrasive blast cleaned, ensuring strong adhesion and effectiveness.

DATES TO REMEMBER

MARCH 18
NWOWEA
USI Presenting on Improving Pump Efficiency & Repair

MARCH 18
#USI Tech Talk
Rebuild or replace?

MARCH 15-19
National AMPP
Annual Conference + Expo

MARCH 19
SEMPPE Meeting

APRIL 15
#USI Tech Talk
Asset Storage Best Practices

APRIL 16
Great Lakes AMPP/ MSC
Meeting & Skeet Shooting

APRIL 16
SEMPPE Meeting

APRIL 15
#USI Tech Talk
Asset Storage Best Practices

JOIN OUR NEXT #TECHTALK

March 18, 2026
11:45am-12:00pm



REBUILD OR REPLACE?



Unconventional Solutions, Inc.
Repair - Protect - Upgrade

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