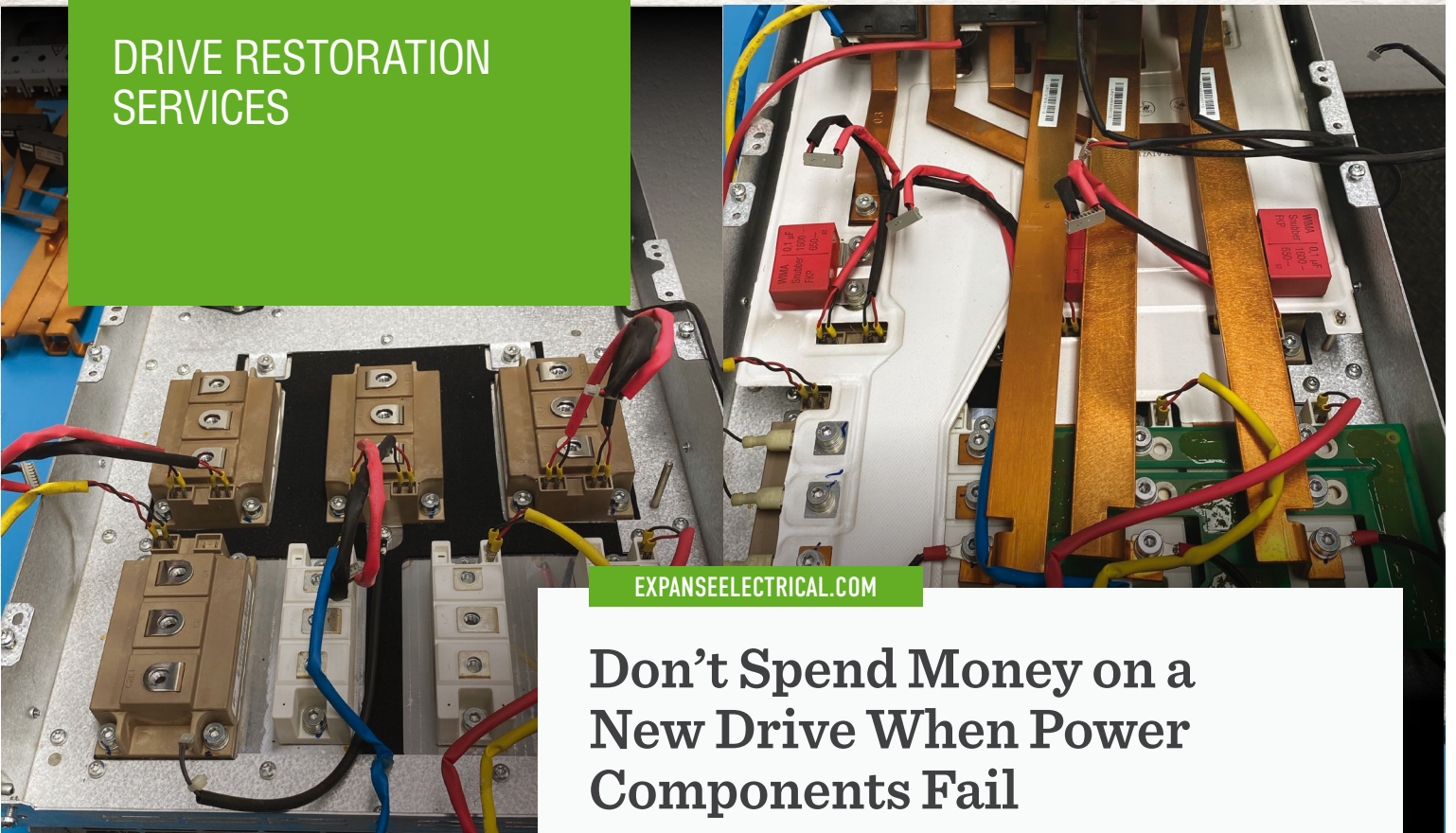


AUTOMATION:

DRIVE RESTORATION SERVICES



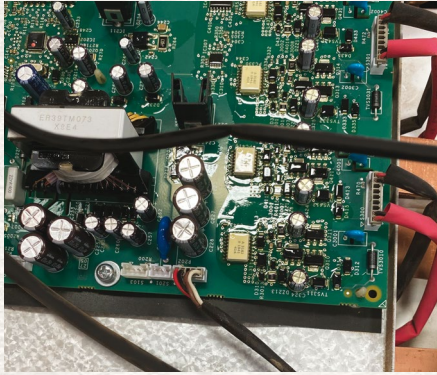
EXPANSEELECTRICAL.COM

Don't Spend Money on a New Drive When Power Components Fail

Instead, Restore It to Maintain Safety Integrity and Realize Significant Cost Savings

Drives are essential to operations and when one fails, it can negatively impact production. However, replacing the old drive with a new one is not always the best course of action. Often, a drive is originally custom built to integrate to the system it powers in a specific way. A new drive may require re-engineering your process, not meet local compliance codes and require operator training. Additionally, it may not fit the drive mount. Replacing obsolete power components, rather than the entire drive, results in a like-new asset that still easily integrates into your current configuration.

At Expanse, we provide the highest level of drive component refurbishment services and quality in the region. We start by removing components down to the frame while cleaning parts as we go. Next, we replace the power section components including IGBTs, diodes, capacitors and power boards. New thermal compound is applied to heat sink mounted components. The heat sink fans are replaced, and all connections are torqued to manufacturers' specifications. To finalize the process, we energize the unit and run a functional test assuring that when you receive the unit, it will be like new.



The Expanse Advantage

- In-Depth Technical Understanding of Drives
- Diagnostic Reports Provided
- One Year Warranty on Replacement Parts

LOCALLY STOCKED COMPONENTS FOR QUICK TURNAROUND

We stock a wide assortment of power components to expedite your order.

TEST EQUIPMENT TO ACCURATELY DIAGNOSE PROBLEMS

We utilize the latest test equipment to diagnose problems and troubleshoot malfunctioning components to replace only the defective parts.

BEFORE



AFTER



Full Power Component Replacement Includes:

- Input SCRs
- Output IGBTs
- Braking IGBT
- Capacitors with Balancing Resistors
- Heat Sink Fan
- 1 Year L&K Warranty on Parts & Labor
- Models listed below can typically be repaired in 3 business days or less
 - Toshiba AS1 75 and 100hp
 - Schneider Altivar 61 & 71, 75 and 100hp

Expanse provides 24/7 automation service and support.

Why Expanse?

- 24/7 Emergency Response
- 70+ Years of Experience
- Turnkey Services & Solutions
- In-House Engineering Department
- Experienced Craftsmen
- Local Expertise on National Scale
- Customer Support Across Geographical & Operational Spectrums

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832.399.0054