

# New Life for Aging Motor Drives

by John N. McMurray, Sales Engineer

Carotron has some really good competition. Testimony to this fact is the great number of their 15-, 20-, even 25-year-old DC Drives still running. Unfortunately, service for these is becoming more and more expensive because...



- 1 - Replacement components are harder and harder to find, and many are re-built, not new.
- 2 - If you can find the parts, they are often very expensive and offer minimal, if any, warranty.
- 3 - There are fewer well-qualified, well-trained service engineers available to work in the field.

*And, once your system is running again, you have a 15-, 20-, or 25-year-old repaired drive just waiting to malfunction again.*

Volatility of the markets and business consolidation of drives manufacturers have created confusion and uncertainty at all levels. The office you called yesterday may not be able to help you with the drive problem you have today. In contrast, Carotron, Inc. has been in business, with the same owners, since 1984, and when you call in with a question about one of our drives, chances are that you can talk with the person who designed it.

## The Carotron Advantage

To meet the needs of this large retrofit market, Carotron has put in place a program to provide the products, application help, and installation assistance you need to respond quickly when your customer is down.

- 1 – **The Carotron Elite Pro** regenerative and non-regenerative [Digital DC Drives](#) offer state-of-the-art technology and incorporate, as standard, the features most often needed to allow legacy drive replacement, usually without the need for additional interface cards and accessories.
- 2 – **Carotron offers trained field service engineers and technicians** who are able to install a new [Elite Pro DC Drive](#) on site at your customer's site, often within 24-48 hours of the time we get the call.



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Some of our customers ask us about the wisdom of simply replacing both the drive and the motor with an AC Vector Inverter system. We suggest that, if the DC motor is still in good condition and can be well-maintained, it is usually more cost-effective to replace only the DC drive. If and when the DC motor becomes unserviceable, then look at putting in a new AC motor and inverter drive. Carotron can supply these, too. We distribute several of the most respected, best performing AC Drive lines and we understand the important issues that must be addressed when changing from a DC to an

AC system.

Let our trained service engineers help with your application. **Call Carotron today at: 1-888-286-8614**