

Component Level Remanufacturing & Support Services



ADVANCED TECHNICAL SERVICES
OEM Support Solutions

Corporate Overview



Founders David Vikartofsky and Robert (Bob) Heuer of D&B Auto Radio, Inc. - Spring 1987; Schiller Park, Illinois.

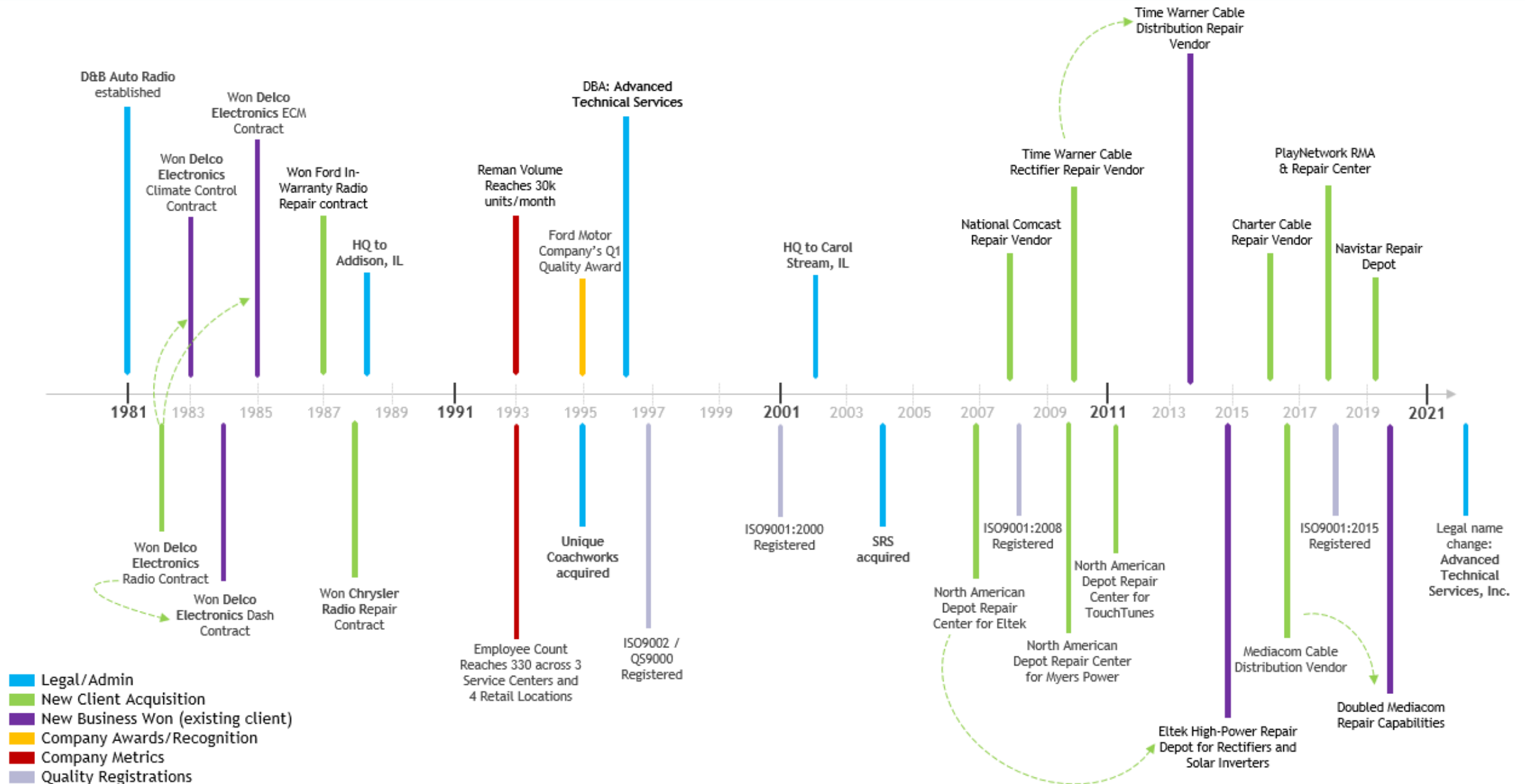
D&B Auto Radio Inc. was founded in 1981 by partners Robert Heuer and David Vikartofsky with the sole intent to improve the level of automotive electronics repair service in the Midwest.

What began as a repair center for only General Motors grew quickly as the electronic content in vehicles exploded. Fueling this growth was the need for high-quality repair centers with short repair cycle times. With the addition of Chrysler, Ford and over 3,000 car dealers nationwide, D&B's automotive electronics repair volumes skyrocketed.

Today D&B, now known as **Advanced Technical Services**, supports OEM customers in a variety of industries with the same attention to quality, cost and delivery as when the company was first founded in 1981. In 40+ years in business, ATS has completed over 30 million repairs for OEM customers.

Over the last two years, ATS has worked to become one of the first companies capable of EV component remanufacturing by applying high-power rectifier repair experience and overall expertise in automotive remanufacturing.

Corporate Timeline



Providing OEM Support Solutions for 40+ Years

verizon[✓]



comcast[®]
xfinity[™]

NAVISTAR[®]



MOTOROLA



POWERVER
Solutions for Power Quality[®]



DELPHI



OCTAVE GROUP



TouchTunes
INTERACTIVE NETWORKS



CELLULARONE[®]

SIEMENS



CHRYSLER



NOKIA
Connecting People



Sony Ericsson

Continental



AUDIOVOX[®]

PRESSTEK
A SMARTER WAY TO PRINT

ACDelco



MAGNETEK
UNCOMMON POWER

Hertz[®]



International Road Dynamics Inc.



Electronics Repair Experts

REPAIRS COMPLETED

30,292,242

WHY CHOOSE ADVANCED TECHNICAL SERVICES?



CUSTOMIZED SOLUTIONS



MULTI-INDUSTRY
EXPERIENCE



RETURNS ANALYSIS AND
DATA DIAGNOSTICS



TOTAL CUSTOMER
SATISFACTION

We're Moving!

We're excited to announce we've entered into a five-year lease agreement at:

**55 W Army Trail Rd
Glendale Heights 60139**

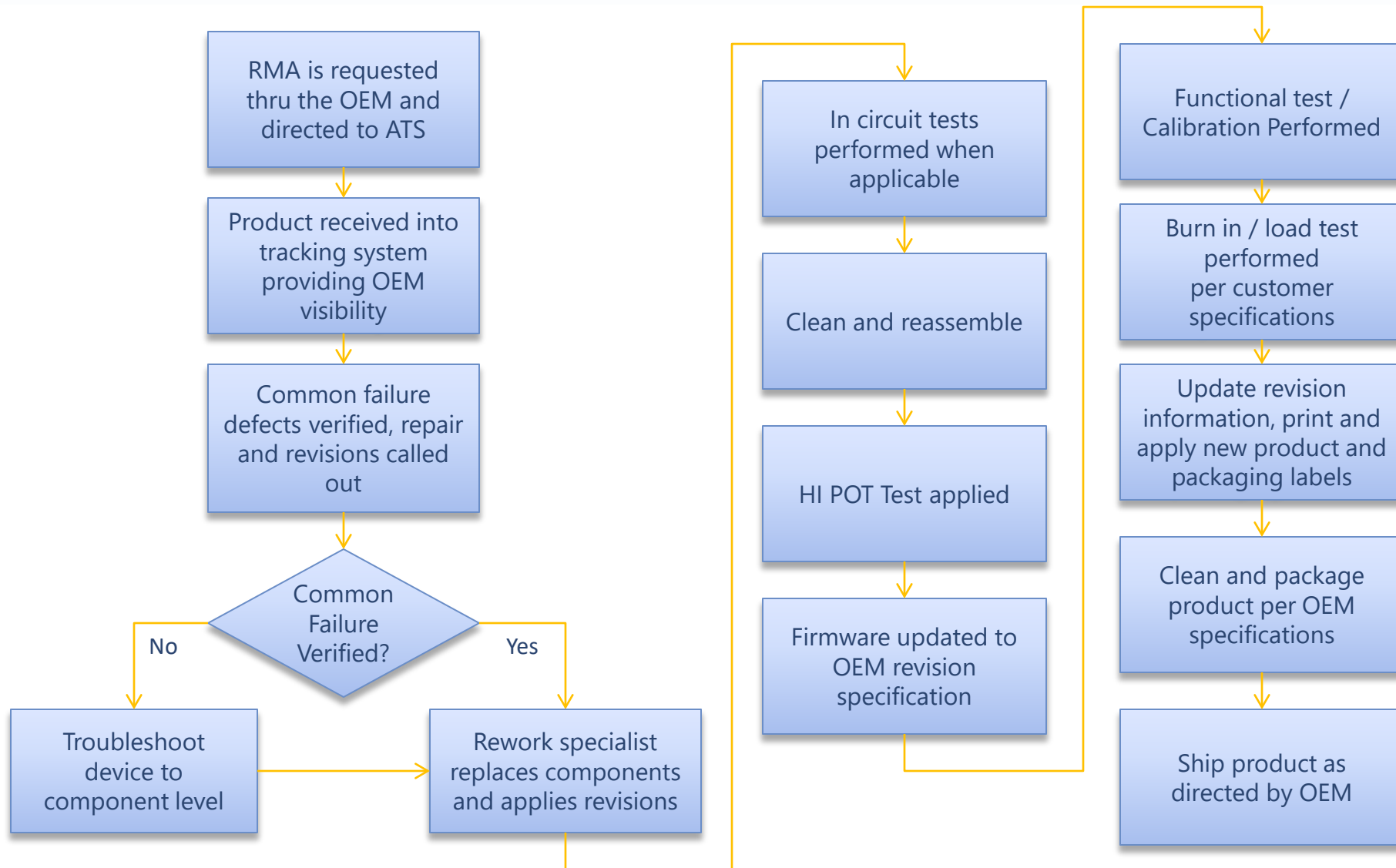
Building Features:

- 480 V @ 1200 A
- 32 ft ceilings
- 5 dock doors
- 2x current footprint
- Energy efficient

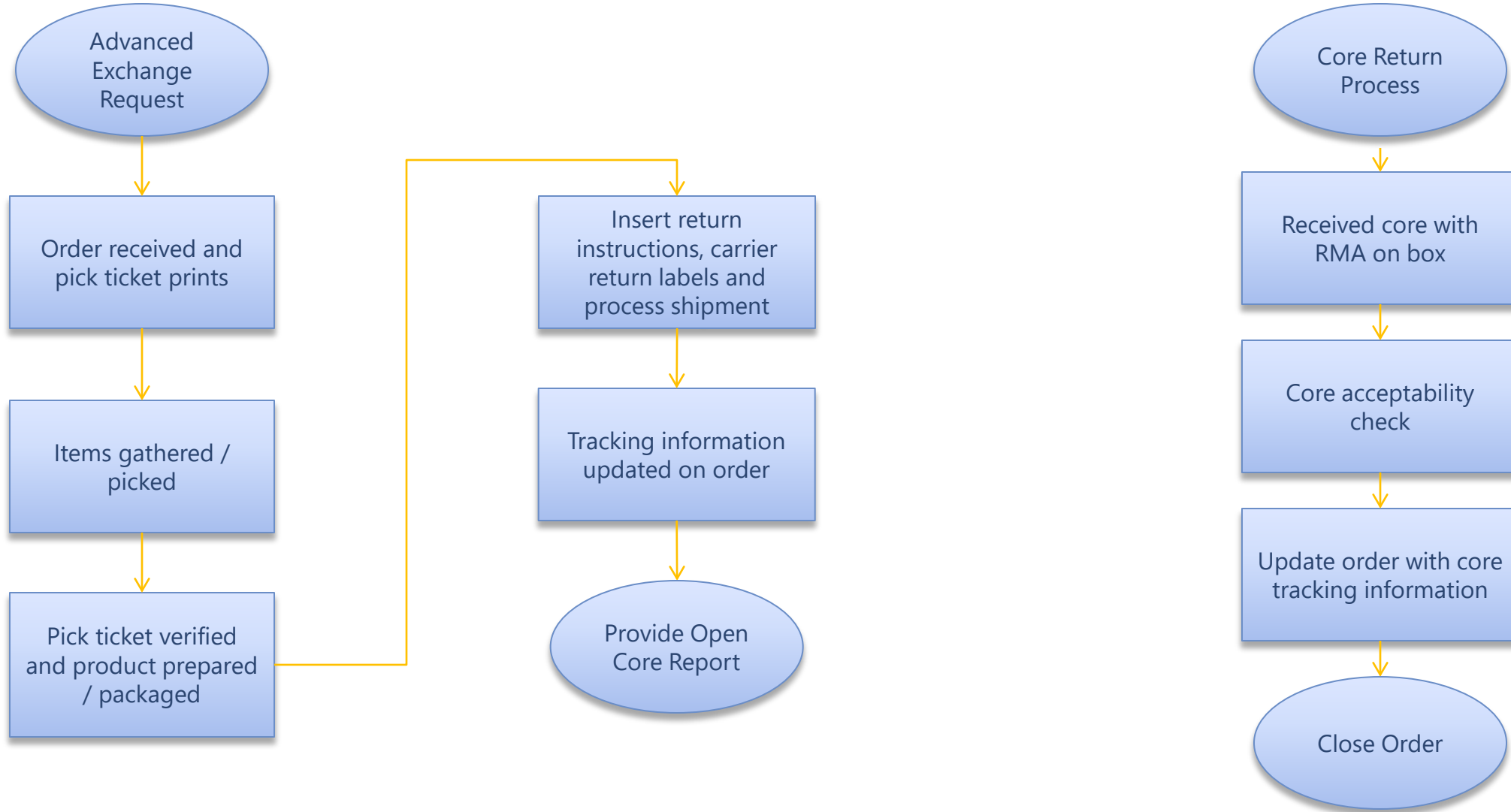


This new high-powered facility will allow us to continue to support our current customers while enabling us support newer EV customers in the automotive and industrial power industries

Remanufacturing Workflow



Advanced Exchange & Core Receiving Workflows



Remanufacturing Experience

OE Support

- Helped develop and implement automotive electronics remanufacturing programs for GM, Ford, Chrysler, Delphi, Visteon and Navistar.
- Developed nationwide advance exchange and core management programs for GM, Ford and Chrysler (inventoried and managed over ten thousand electronic devices) for same day and next day delivery, nationwide.
- Have high-volume remanufacturing (down to the component level) experience on drivetrain, HVAC, infotainment, dash clusters, door pods, steering wheel controls, etc. (over 30 Million products remanufactured).
- Developed both OEM-supported and non-OEM-supported remanufacturing programs (reverse engineering with BOM, Gerber files, schematics, circuit boards, etc.).
- 25-year history of remanufacturing high-power telecom products for Eltek (Delta) as their North American Depot Repair Center.

EV Reman Capabilities

As veterans in both the automotive and telecom industries, we've applied our extensive vehicle component knowledge with our high-powered rectifier repair skills to become one of the world's first EV remanufacturing facilities. We've built out our facility and are capable of remanufacturing both drivetrain and charger components.

EV Drivetrain Components

- EV Onboard Chargers
- Electronic Vehicle Displays
- Battery Charging Systems
- Battery Management Systems
- AC-DC Inverters and Converters
- Power Electronics Controllers

EV Charger Components

- Converters
- Power Modules, Power Blocks, and Power Supplies
- Power Control Units (PCU)
- Battery Monitoring Systems (BMS)
- Rectifiers
- Dispensers

EV Field Service

We've partnered with national field teams to ensure out of service chargers are repaired as quickly as possible. Not only do we staff our phones with real people, but we also commit to finding and scheduling a service appointment within 24 hours of each request. Read more about our support model at <https://ats4solutions.com/ev-charger-repair-support-model/>

EV Charger Repair Support Model

1. Customer Service Request
2. Virtual Screening
3. Customer Site Visit
4. Removal & Shipping from Customer Site
5. Component Level Repair at ATS
6. Shipping & Installation at Customer Site



General Remanufacturing & Support Services

Remanufacturing and Depot Repair Services

- Program Development and Management
- Advance Exchange / VMI Programs / Core Management
- Customer Support / RMA Processing
- Component Level Electronics Testing and Repair
- Remanufacturing to “Like New or Better” Condition
- Modifications and Upgrades Management

Supply Chain Support Services

- Warehousing
- Kitting and Packaging
- Fulfillment
- Core Management
- Configuration, Programming, Activation and Testing
- Assembly and Final Testing

Commitment to Quality

Certification	Year
ISO 9001	Registered 2022 (since 2001)
ISO 14001	Registered 2022
QS-9000	Registered 1997
ISO-9002	Registered 1997
Ford Q1	Certified 1995

Integrated Quality
<ul style="list-style-type: none">• Control plans and failure mode analysis utilized in APQP• IPC 610 trained rework specialists• ANSI S20.20 electrostatic discharge controls• Compliance of RoHS Hazardous Substances Directive• Quality Operating System with KPIs



Why Customers Choose ATS

Proven History

- 40+ years (30 million+ repairs) of delivering high-quality remanufacturing/repair solutions to OEMs worldwide
- Broad-based solutions for automotive, telecom, and digital entertainment industries
- Corporate culture that drives “total customer satisfaction” with a veteran staff and customer service team

Reduce Cost and Cycle Time

- Reman and repair programs aimed to increase lifecycle of OEM components and reduce overall cost
- Continually strive to improve processes to help drive down cost
- Share failure data with OEM customers and approved suppliers to pinpoint areas for improvement

Quality Focused Solutions

- ISO based quality operations team to deliver consistent and exceptional results
- Flexibility to quickly adjust to changing customer needs and volumes
- Able to manage and document upgrades and modifications per customer request

Contact Information

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