

Other services

Keep aging equipment from breaking down!

Preventive maintenance

Just stick on these thermal radiation silicon sheets—no power needed!

Banban sama-sukun

Reverse engineer your way to longer equipment life!

Reverse engineering

Create safe and reliable production systems!

Analysis of failure causes

Introducing analysis services for selecting new products and equipment planning!

Reliability tests

Evaluate how many more years equipment can be used safely!

Remaining life tests

Introducing a revolutionary device that prevents failures!

Mamo-rukun

Protect PCBs in extreme environments!

PCB coating

Company profile

Company name	LOVEOX
CEO	Wataru Ushijima
Founded	December 1986
Employees	90
Tokyo Head Office	1-23-2 Azusawa, Itabashi-ku, Tokyo 174-0051 Japan
Sending address	LOVEOX Logistics Center 4-3-15 Azusawa, Itabashi-ku, Tokyo 174-0051 Japan

LOVEOX Search



CONTACT

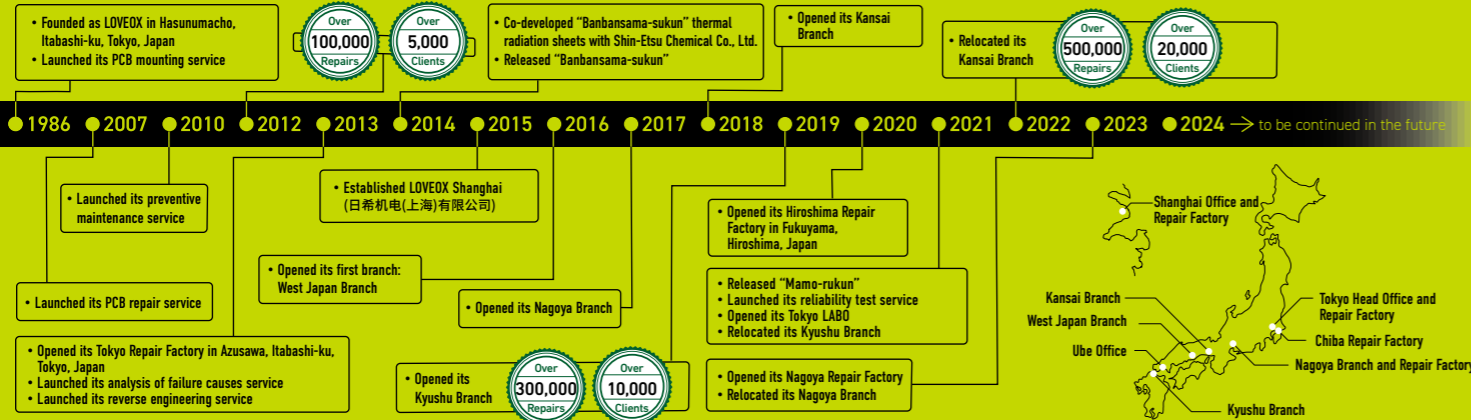
repair@loveox.co.jp

+81-3-3960-8096



We support PCBs over the long term by bringing devices back to life.

HISTORY



No charge for estimates or if no repairs can be done

We have a **99.9%** PCB repair rate!

Fastest service in the industry

Over 500,000 repairs

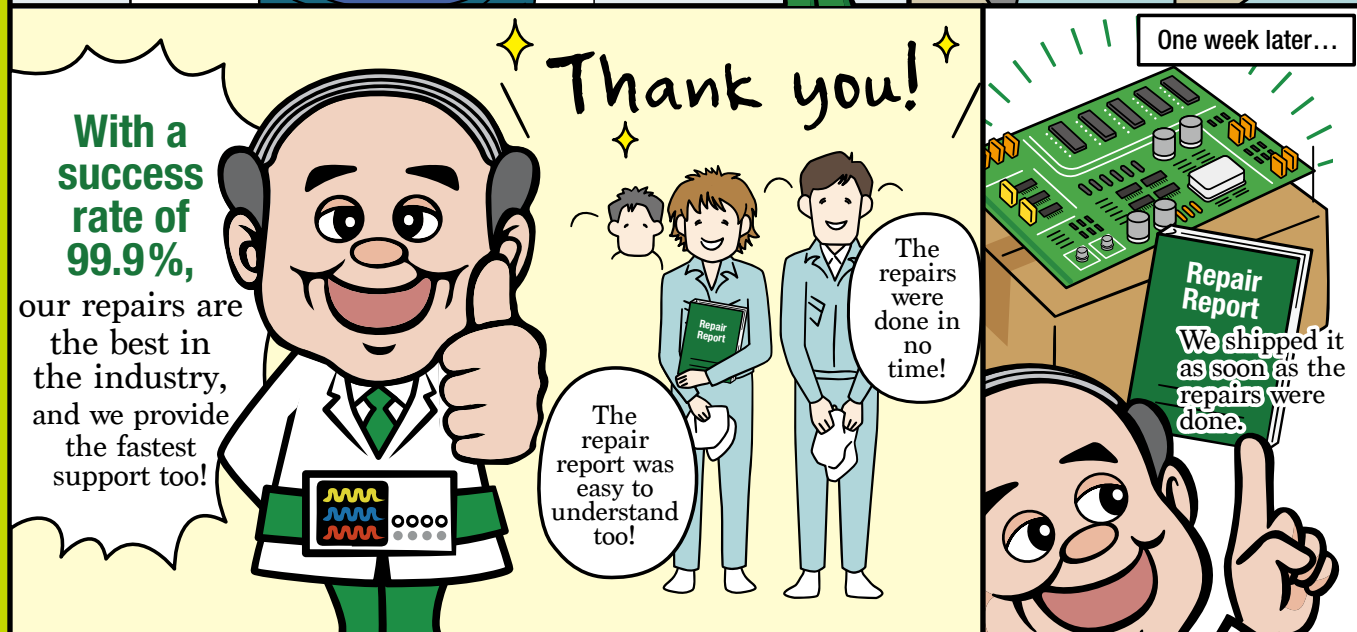
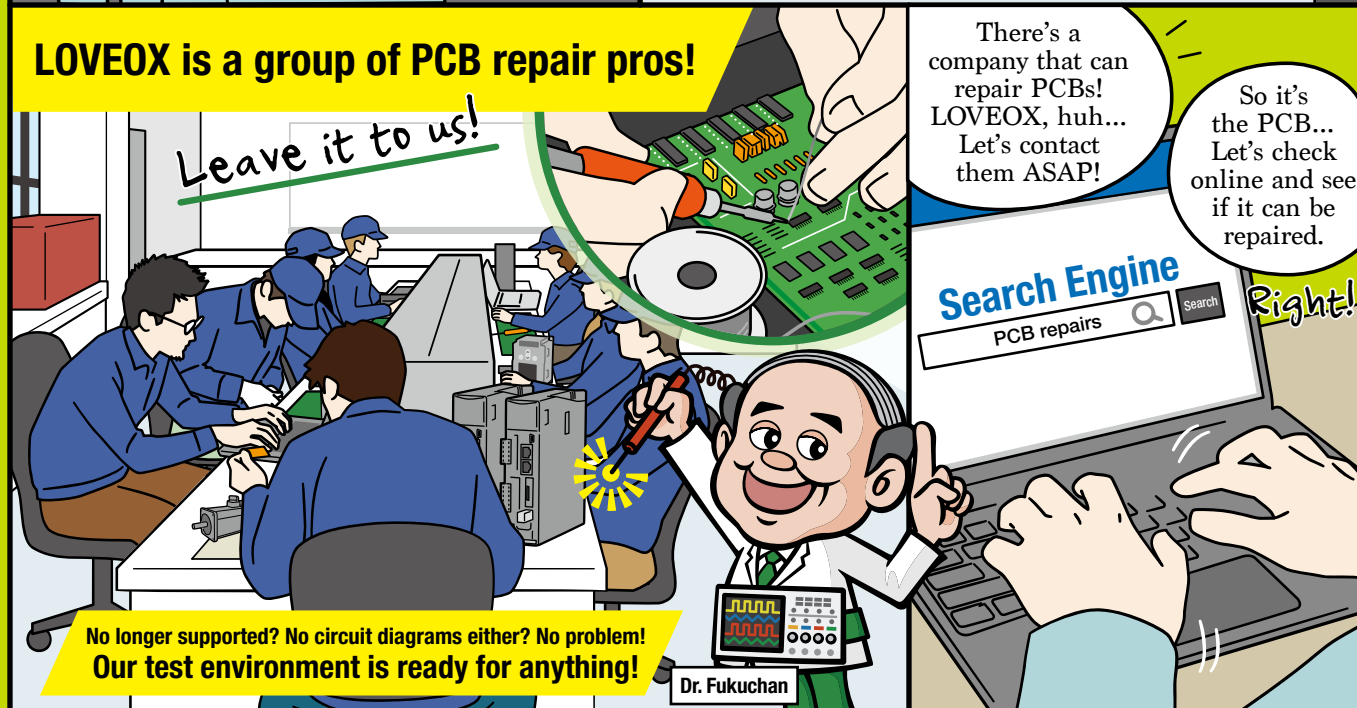
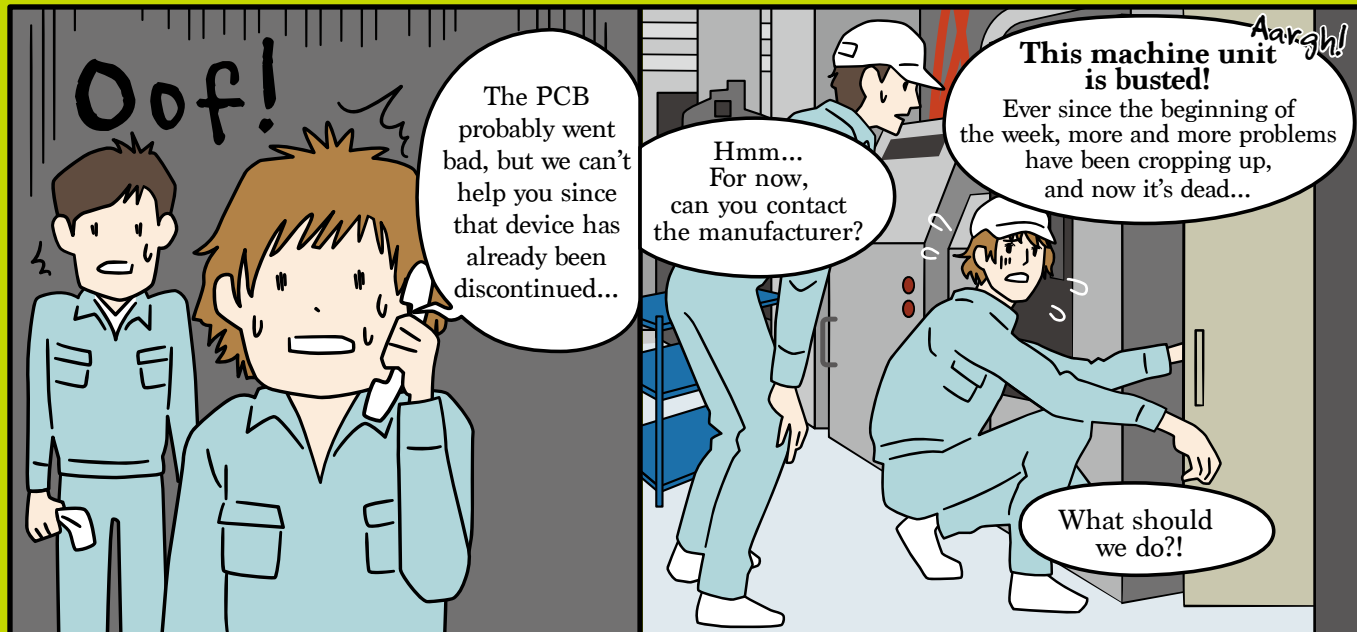
Over 20,000 clients

Averaging just 7 days

THE REPAIR

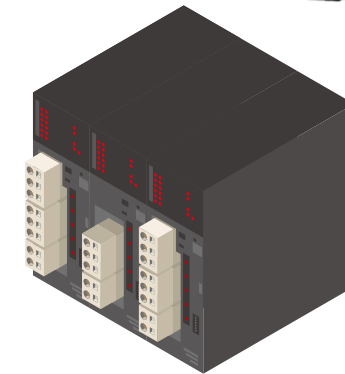
LOVEOX Explained in a MANGA

*Read from right to left.



No longer supported? No circuit diagrams either? No problem!
Our comprehensive test environment has got you covered!

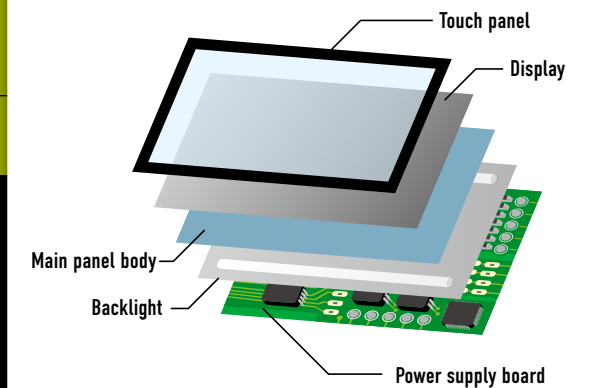
Programmable logic controllers



Models compatible with our test benches

Mitsubishi Electric	A Series, A1S Series, Remote, and Q Series
Fuji Electric	FTK Series, FTU Series, and CIO-200
Toshiba	T2 Series, T3 Series, and V Series

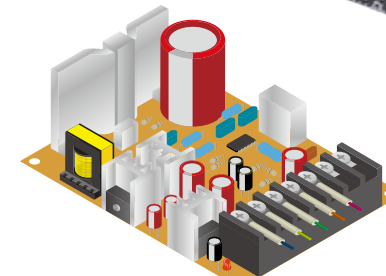
Touch panels



Repairable parts

- Power supply boards
- Displays
- Touch panels
- Main panel bodies
- Backlights

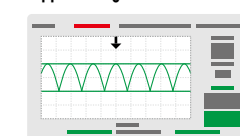
Power supplies



Output voltage measurement display



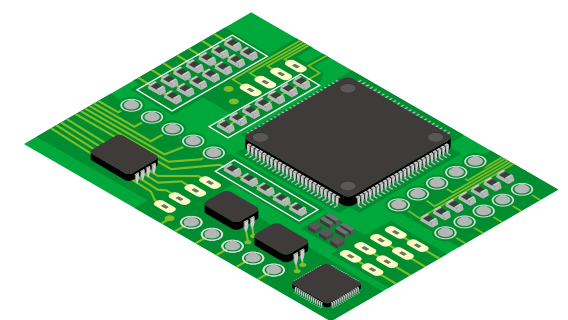
Ripple voltage measurement display



Testing methods

- Output voltage measurements
- Output current measurements
- Aging tests
- Ripple voltage measurements

Printed circuit boards



Examples of PCBs

- Control boards
- Power supply boards
- CPU cards
- Display boards
- OPC boards
- Relay boards
- I/O boards
- LED PCBs and more!

Top-quality repairs for your PCB troubles!

Quickest repairs



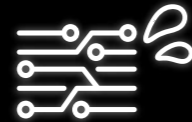
Has your production line come to a stop?
On average, we can finish repairs
in 7 days

Durability boosts



We reduce the frequency of failures
by replacing old parts
with high-performance parts

Semiconductor shortages



By keeping older PCBs in shape,
we overcome new equipment shortages

On-site services



We can provide a free on-site
diagnosis ASAP and
troubleshoot while we're there

Global repairs



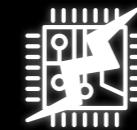
Repairs are also handled at
Japanese-owned factories
located overseas

No longer supported products



We even repair products
that aren't supported
by their manufacturers anymore

Burnt PCB repairs



We repair burnt PCBs
even when manufacturers won't

Imported product repairs



Repairs that would take ages overseas
are handled in Japan for
quicker delivery

Discontinued parts



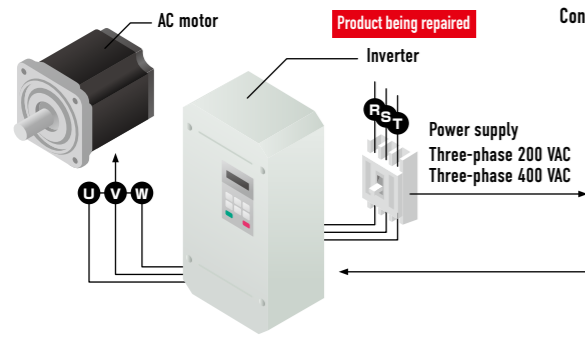
We repair PCBs
even when parts are difficult
to procure

Inverters



Repairs handled: 0.1 kW to 560 kW

Connection work

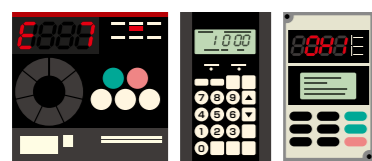


Test bench

Confirm control, settings, and operation



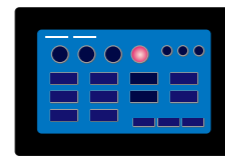
Confirm rotation/speed changes



Error display

Pass/fail judgment

Example: Fixed speed rotation and speed change



Control | I/O settings

Settings | Frequency settings (rotations)

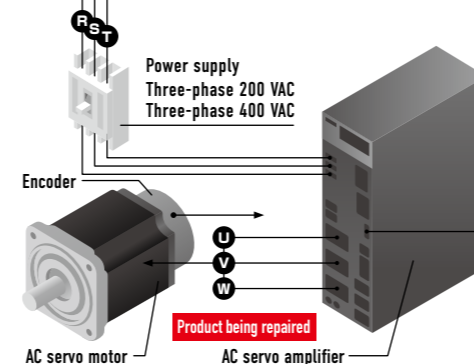
Mitsubishi Electric	FR-A500, FR-F700, and FR-A800
Yaskawa Electric	VS-616G5 (CIMR-G5A), Varispeed G7 (CIMR-G7A) and A1000 (CIMR-AA)
Fuji Electric	FRENIC5000V2 (FSDxxA), FRENIC5000VG7S (FRNxxVG7S) and FRENIC-Ace (FRNxxE2S)

AC servo amplifiers



Repairs handled: 0.01 kW to 22 kW

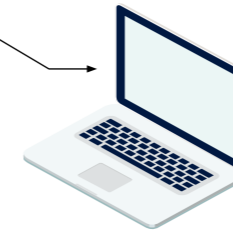
Connection work



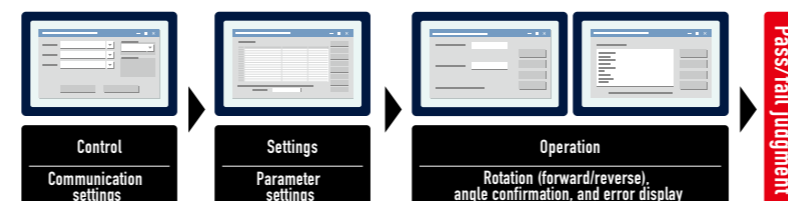
PC + software tools

Install manufacturer-provided software,
then confirm control, settings, and operation

SETUP81 / SETUP161 /
MR Configurator /
MR Configurator 2 /
SigmaWin+



Example: JOG operation and program operation



Mitsubishi Electric	MR-SA, MR-H, MR-JN, MR-J2, MR-J2S, MR-J3, and MR-J4
Yaskawa Electric	CACR, SGDB, SGDM/H, SGDS, SGDv and SGD7

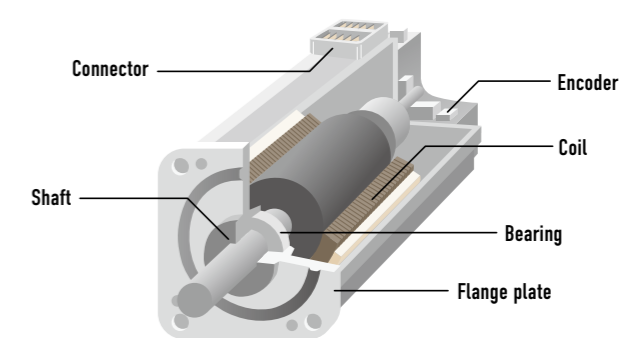
Mitsubishi Electric motors



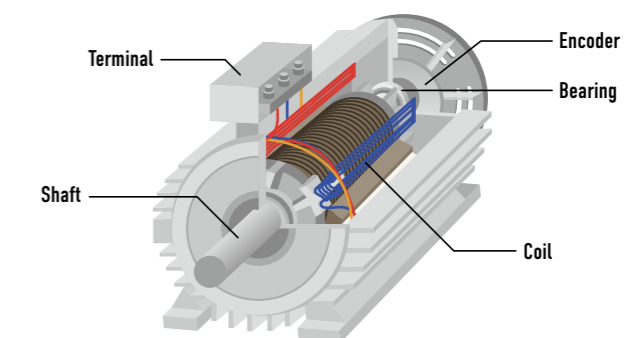
Three-phase motors / spindle motors / AC servo motors

Repairs handled: 0.05 kW to 55 kW

AC servo motor repairable parts



Three-phase motor repairable parts



Three-phase motor	SF-JR, SF-V5RU-xK, SF-V5RU-HxK, SF-VRxK, and SF-VRHxK
AC servo motor	HAxxNC-S/SS, HC-KFS, HC-MFS, HC-SFS, HC-LFS, HC-RFS, HC-UFS, HA-LFS, HF-MP, HF-KP, HF-SP, HA-LP, HC-PP, HC-UP, HC-LP, HF-JP, HG-MR, HG-KR, HG-SR, HG-JR, HG-RR, and HG-UR
Spindle motor	*Contact for details