

TXO

Test, repair & engineering



**Headquarters,
Operations & Sales**

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[TXO.com](https://www.txo.com)

Servicing 150 countries in 13 languages

Registered in England & Wales:

Company Registration No: 05479601

VAT Registration No: GB840431165



We're pleased to offer the following multi-vendor test, repair and engineering services:

Screen & clean

Screen equipment to manufacturer or customer technical parameters. Clean equipment to "as new" condition. No fault found screening.

Testing

We test all equipment to manufacturer or customer specifications and test reports available on request. In relation to optical equipment and ethernet equipment, this includes traffic testing using EXFO testing instruments.

Refurbishment

This comprehensive service includes: test, repair, reconfigure, respray and provide appropriate paperwork before shipping back to site.

Vendor management

For products in warranty, or to be sent for external repair, we will manage the whole process. Our IT system has all the parameters for external repairs.

Specialist knowledge

Our engineers have many years' experience working across all of the main disciplines including optical, IP and radio (for both microwave and RAN technologies), as well as specialising in power equipment.

Our facilities include a BGA rework station. This allows us to deliver the type of circuit board level repairs required for telecom equipment repair. At TXO, we repair a much higher proportion of parts for our clients and it means we're able to maintain one of the lowest BER rates in the industry, at less than 5%.

- <1% repair return rates.
- <5% no fault found results.
- From our 5,000 sq ft, leading-edge ESD test and repair laboratory, we have the ability to test modules and complete systems belonging to a range of platforms.
- We can repair current and legacy hardware from most of the world's manufacturers, including Alcatel, Cisco, Ciena, Juniper, Nokia, Nortel, Redback and many more.
- We offer huge cost savings compared with traditional support contracts.
- Our customers include operators, system integrators, maintenance and support providers, distributors, government departments, resellers, and manufacturers.
- Where the client approves this option, we will wipe hard drives using the industry leading Blancco data erasure software to render data unrecoverable.
- We will arrange collection and delivery of your equipment by courier with real-time tracking and always strive to provide accurate repair time estimates.
- We are accredited to ISO 9001 & TL 9000, ISO 14001:2015, ISO 27001, ISO 45001, AATF and WEEE compliant processes. We hold all necessary licenses for the handling and processing of IT and telecom equipment.



Our test & repair capability

Please note that our capability portfolio is growing all the time.

Accoda

Concentrators

ADVA

FSP 150

FSP 2000

FSP 3000

Alcatel

1550

1626

1642

1660

7210

7302

7330

7360

7450

7510

7750

7950

1511BA

1511MAX

16XX

18XX

7250SR-C4

7450ESS-67

7450ESS-7

7750-SR12

OLTE

OMNI 6800-24

Wavestar DACS IV

Wavestar OLS 1.6T

Wavestar TDM 10G

Wavestar TDM 2.5G

Wavestar TDM-16/1

Wavestar TDM-4/1

Alpha

PSU

ALU

1626

7450

7750

1660 SM

7330 Remote Aggregation

7360 ISAM

7705 SAR-F

ASR 900

Arista

7280SE-68

Arris

RF Amplifiers

Aruba

2930F

Aviat

IDU / ODU

Axell

Enhancers

BTI

7060

C-Cor

RF Amplifiers

Celab

CATV

PSU

Ceragon

IDU / ODU

Chloride

PSU

Ciena

4200RS

3960

4200

5142

6500

CN3960

CN4200

CN5140

CORESTREAM

MULTIWAVE

Cisco

1000

3600

3750

3845

3945

4503

4506

5509

6500

6513

7304

7600

7603

7606

12000

10000 Edge service router

12000 Service router

2960-X

3750-E

6509-E

7200 VXR

7246 VXR

7304 VXR7606-S

ASA 5520

ASR 1001

ASR 1002

ASR 1002-F

ASR 1004

ASR 1006

ASR 9000

ASR 9001

ASR 9010

ASR 920

C2800

C2911

C2950

C2960

C2960-X

C3750

C4506

C4510R+E

C4948

C6509-E

C6513

C6807-XL

C7200

C7604

C7606-S

C7609

CRS-1

CSR-8

DS-C92501-K9

MDS 9250

ME3600X

Nexus 5010

ONS-15454

OSN-15454

UBR 10012

WS-5506

WS-5509

WS-C5008



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Craycom

X25

DMC

IDU / ODU

OLTE

Duvine

PSU

ECI

STM1

STM16

STM4

STM64

Syncom

XDM

Eltek

PSU

Ericsson

ACE / EACE

AXD

AXE10

AXH1200

AXH600

BTS

EXTENDER I & II

IDU / ODU

Mini-Link

MHL3000

OMS 800

OMS1200

OMS1600

OMS 3200

PLX

PMA

Filtronic

CATV

PSU

Fujitsu

ASDH

ASDH2

DWSS

GEC

ISDX

GPT

OLTE/MULDEX

Harmer & Simmons

PSU

HP

2824

Procurve 3500

Procurve 5406ZL

Procurve 6200

Harmonic

PSU

RF Amplifiers

Huawei

ATN 950B

ATN 910B

ATN 950B

BBU 3900

BWS 1600

CX600

MA5600T

MA5800

Optix 10G Metro 5000

Optix BWS 1600G

Optix OSN 1500A

Optix OSN 6800

Optix OSN 7500

Optix OSN 8800

Optix OSN 9800

Quidway S3300

Quidway S9303

Quidway S9306

S6720

S6720-30C-EI-24S

S8505

S9306

Infinera

DTN / DTNX

TG Series

TM301

TM3000

Juniper

EX3300

EX4600

M10

M20

M40

M320

MX80

MX960

MX2010

PTX5000

QFX3500

SRX5800

SRX650

T1600

T4000

Keymile

UMUX 1200

UMUX 1500

XMP1

Lucent

1665 DMX

Marconi

Century 2000

CMUX

CMUX+

CMUX2

DAB

MD5x / 6x

MD90 / 95

MHL 3000

ML33 / 37 / 38

MSH41,51

MSH63, 64, 64C

MSH84, 86

OMS 840

OMS1664

Power

PSU

SMA 4/16

SMA Series 1

SMA Series 1.1D

SMA Series 2

SMA Series 3

SMA Series 4

SMA16+

SMA4

Mercury

IDU/ODU



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Motorola

CATV
PSU
RF Amplifiers

NEC

Neo
IDU / ODU
iPasolink

NERA

IDU / ODU

Nokia

MPR
SRAN
ACM2
BTS
DF2
DM2
DN2
DNT2M
Dynamet
FLEXI (2G,3G & LTE)
Flexi BTS 2G
Flexi BTS 3G
Flexi BTS 4G
IDU / ODU
LE Series
NSN A-2200
Synfonet

Nortel

18XX
4200
4550T
5200
6500

8010

8010 MERS

CPL

DX / LH

Gateway

Meridian

MULDEX

MUX/JUMP MUX

Opera LTE

Optera 1600G

Optera 3500

Optera 40XX

Optera 4100

Optera 4150

Optera 4200

Optera 50XX

Optera 5200

Optera 60XX

Optera DX

Optera LH

PASSPORT 15000

PDMX-EV / 3

TN-16X

TN-1C

TN-1X

TN-4X

TN4-XE

TN-64X

TN64X REGEN/ADM

UMUX / PMUX

NSN

A-2140
A-2200 ET

Pcom

IDU / ODU

Phillips

RF Amplifiers
Pagers

Powernetic

PSU

Protolink

PSU

Redback

SE 1200

SAF

IDU / ODU

SIAE

IDU / ODU

Scientific

Atlanta

RF Amplifiers

Siemens

HIT7025
SN1/4/16/64
HID 6610

Signet

PSU

STC

PDMX PCM

STS

PDMX PCM

Telettra

IDU / ODU
TEP / 34

Tellabs

DSC MUX

Telleste

RF Amplifiers

Transmode

TM-301

Vistek

PSU

Weir

PSU

Westica

IDU / ODU

Zhone

IMACS