Technical Support Service contracts provide access to the Exclusive Networks Technical Assistance Centre (EXN TAC) to work with you through any post-sales technical support queries, technical incident assistance and the replacement of hardware determined to be defective by the vendor.

EXN TAC work with various technology vendors, as a certified Authorised Support Centre (ASC) to provide technical support and services. EXN TAC engineers hold accreditations in the products supported and are available 24x7x365 to respond to customer requests. The services covers all regions within EMEA.
SERVICE LEVELS AND DEFINITIONS

Technical Support defines a technical incident as any break/fix issue:
- Previously working configuration no longer working as expected or degraded environment
- Configuration errors, software bugs, or hardware faults
- Requests for documentation, release notes, vendor guides, etc.
- EXN TAC engineers will not undertake new configuration/deployments or migrations, as this work falls under professional services

The EXN TAC service levels available for support via phone and email:
- TAC access 8x5 (business hours UK time)
- TAC access 24x7x365

The EXC TAC hardware coverage levels available:
- Return to Base (RTB) hardware replacement - faulty returned prior to receiving replacement
- Next Business Day (NBD) hardware replacement - advanced replacement
- 4-hour hardware replacement - advanced replacement

<table>
<thead>
<tr>
<th>SUPPORT ENTITLEMENT</th>
<th>EXN TAC 8x5</th>
<th>EXN TAC 24x7x365</th>
<th>HARDWARE RTB</th>
<th>HARDWARE NBD</th>
<th>HARDWARE 4-HOUR*</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Update AP</td>
<td>✔</td>
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<td>✔</td>
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<tr>
<td>Talk</td>
<td>✔</td>
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<tr>
<td>Talk + HW</td>
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<td>Talk24 + HW</td>
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<td>Onsite24</td>
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<td>Onsite24 EU</td>
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<td>4Hour AHR</td>
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<tr>
<td>4Hour AHR + Prep**</td>
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</tbody>
</table>

* Engineer on site within 4 hours of vendor RMA approval to assist with removal of faulty unit and racking of replacement unit.
** Customer configuration and software version pre-loaded prior to arrival at site. 4-hour delivery SLA starts once configuration file received and loaded.

For all first line support, call logging and initial troubleshooting, please contact the support team on +44 (0) 1420 548 247 24x7@exclusive-network.com
**PRIORITY DEFINITIONS**

EXN TAC work to 4 levels of priority. Each of these will determine the SLA on initial response as well as our target follow up times for the duration of the support case.

<table>
<thead>
<tr>
<th>Priority 1</th>
<th>CRITICAL</th>
<th>Product/service is down and critically affecting customer production environment.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority 2</td>
<td>HIGH</td>
<td>Primary unit has failed, or product/service is impaired. Production environment is up but impacted or lacks resiliency.</td>
</tr>
<tr>
<td>Priority 3</td>
<td>MEDIUM</td>
<td>A product function has failed, and production environment is degraded or not affected. Non-critical business applications are unreachable.</td>
</tr>
<tr>
<td>Priority 4</td>
<td>LOW</td>
<td>General assistance that includes feature, information, documentation, how-to and enhancement requests.</td>
</tr>
</tbody>
</table>

**SLAs AND TARGET FOLLOW UP TIMES**

**Initial Response SLA**

For EXN TAC engineer to take assignment of new case and provide first update/request.

<table>
<thead>
<tr>
<th>CASE PRIORITY</th>
<th>8x5 SERVICE LEVEL</th>
<th>24x7x365 SERVICE LEVEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority 1</td>
<td>&lt; 1 Business Hour</td>
<td>&lt; 1 Hour</td>
</tr>
<tr>
<td>Priority 2</td>
<td>&lt; 4 Business Hours</td>
<td>&lt; 4 Hours</td>
</tr>
<tr>
<td>Priority 3</td>
<td>&lt; 8 Business Hours</td>
<td>&lt; 8 Business Hours</td>
</tr>
<tr>
<td>Priority 4</td>
<td>&lt; 16 Business Hours</td>
<td>&lt; 16 Business Hours</td>
</tr>
</tbody>
</table>

For all first line support, call logging and initial troubleshooting, please contact the support team on +44 (0) 1420 548 247 24x7@exclusive-networks.com
SLAs AND TARGET FOLLOW UP TIMES CONTINUED

Target Follow Up Times
EXN TAC engineers will aim to provide regular updates based on the case priority. This may impacted by frequency of responses from level 3 vendor support teams, or customer responsiveness.
After 3 follow ups with no customer response, the EXN TAC engineer will proceed with case closure.

<table>
<thead>
<tr>
<th>CASE PRIORITY</th>
<th>TARGET FOLLOW UP TIMES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority 1</td>
<td>CRITICAL</td>
</tr>
<tr>
<td></td>
<td>Every 4 hours until resolved, or a workaround is in place</td>
</tr>
<tr>
<td>Priority 2</td>
<td>HIGH</td>
</tr>
<tr>
<td></td>
<td>Every business day until resolved, or a workaround is in place</td>
</tr>
<tr>
<td>Priority 3</td>
<td>MEDIUM</td>
</tr>
<tr>
<td></td>
<td>Every 3 business days until resolved</td>
</tr>
<tr>
<td>Priority 4</td>
<td>LOW</td>
</tr>
<tr>
<td></td>
<td>Once per business week until resolved</td>
</tr>
</tbody>
</table>

TECHNICAL SUPPORT ENGINEER LEVELS

EXN TAC LEVEL 1
- Basic configuration issues
- Product feature questions
- “How to” user questions

EXN TAC LEVEL 2
- Advanced configuration issues
- “Product not working as expected” issues
- RCAs

VENDOR LEVEL 3
- Software bugs
- Feature errors
- To authorise hardware faults as part of the RMA process

As part of the Vendor’s ASC requirements, support cases are assigned to a level 1 engineer and are worked and followed up based on priority. Support cases are escalated to level 2 and if necessary, level 3 once all escalation requirements have been met.
TECHNICAL SUPPORT PROCESS

Opening a support case

<table>
<thead>
<tr>
<th>Phone EXN TAC for urgent P1 and P2 issues</th>
<th>Email EXN TAC for non-urgent P3 and P4 issues</th>
</tr>
</thead>
<tbody>
<tr>
<td>Telephone: +44 (0) 1420 548 247</td>
<td>Email: <a href="mailto:24x7@exclusive-networks.com">24x7@exclusive-networks.com</a></td>
</tr>
</tbody>
</table>

For new issues please provide the following:

- The serial/contact number for the affected devices - this is needed to validate support entitlement
- Any results of troubleshooting performed as well as the details outlined below
- Contact details of an engineer with access to the device/system
  - Contact name
  - Contact phone number
  - Contact email
- Summary of the incident
- Priority of the incident
- Current running version
- Recent changes to the environment
- Description of topology
- Symptoms
- Steps to reproduce the incident
- Location of hardware
- Data/files collected

For existing issues:

- Your EXN TAC case number (6 digit number starting with VS)
- Any additional details about the case raised since last contacting EXN TAC
TECHNICAL SUPPORT PROCESS

Case Handling Process

The diagram below details the logical flow for a support case, and shows the process of interaction between customers, EXN TAC and Vendor TAC.

1. Customer engineer to log incident with EXN TAC via email or phone call.
2. EXN TAC support case created and case number emailed to customer contact.
3. The EXN TAC will provide level 1 and 2 technical support. If the issue requires RMA approval or an advanced level of technical expertise, then the case will be escalated up to the level 3 vendor support team.
4. The EXN TAC engineer will be responsible for liaising with the vendor and providing regular updates to the customer engineer. If the vendor engineer needs to liaise directly with the customer engineer, then calls and remote meetings will be facilitated as required.
HARDWARE REPLACEMENT SUPPORT PROCESS

The Vendor TAC engineers qualiy hardware faults and provide final approval for starting the Return Material Authorisation (RMA) process. EXN TAC are unable to provide hardware replacements preemptively, or prior to vendor approval.

Return to Base (RTB) support:
1. Device confirmed as faulty and approved for replacement by the TAC engineer.
2. RMA number issued and replacement process initiated.
3. Customer returns faulty device to EXN TAC, which is then returned to the vendor.
4. Vendor supplies replacement device to Exclusive Networks, which is then shipped to customer site.

Next Business Day (NBD) support:
1. Device confirmed as faulty and approved for replacement by the TAC engineer.
2. RMA number issued and replacement process initiated.
3. Replacement device is shipped to customer site for NBD delivery*. Depending on depot locations, shipping will be handled either directly by the vendor or by EXN TAC.
4. Customer returns faulty device within 10 days.

* NBD delivery SLA dependent on spares depot cut-off times. Typically, RMA to be approved by 3pm to enable NBD delivery.

4 Hour On-Site support:
- Customers with either ‘OnSite24’ or ‘4Hour AHR’ support entitlement will have hardware replacement dispatched with an engineer to arrive at site within 4 hours of RMA approval by the vendor.
- If the customer contact cannot allocate a suitable site access time slot for the EXN TAC engineer, the customer forfeits their choice to have an engineer and the replacement unit will be couriered when the customer is available to take delivery.
- The EXN TAC engineer’s responsibility lies solely with the equipment being replaced. No troubleshooting or configuration changes will be made, only hardware replacement. If the faulty device is required to remain on site at the time, it will be the customer’s responsibility to return the device within 10 days.
THE RMA PROCESS

The RMA process for 4-hour hardware replacement will differ depending on contract type:

**Onsite24 (24x7x365 support + 4-hour hardware support)**

1. Device confirmed as faulty by EXN TAC and approved for replacement by the vendor TAC engineer.
2. RMA number issued and replacement process initiated.
3. Customer to provide contact and site access details, with confirmation for EXN TAC engineer to travel to customer site with replacement unit.
4. EXN TAC engineer arrives at customer site and if necessary, assists with racking of replacement device, and configuration of management IP for connectivity.
5. EXN TAC engineer to leave site after maximum of 2 hours. Additional time may be subject to cost charges.

**4 Hour AHR (4 hour hardware support only)**

1. Customer confirms device as faulty and raises issue directly to vendor TAC team.
2. Vendor TAC team confirm fault to customer and approve replacement.
3. Customer contacts EXN TAC to advise of hardware fault and provide vendor’s RMA approval.
4. EXN TAC log case and initiate replacement process.
5. Customer to provide contact and site access details, with confirmation for EXN TAC engineer to travel to customer site with replacement unit.
6. EXN TAC to provide customer with Exclusive Networks delivery address, which customer will pass to vendor to ensure Exclusive Networks receive replacement unit to replenish stock.
7. EXN TAC engineer arrives at customer site and if necessary, assists with racking of replacement device, and configuration of management IP for connectivity.
8. EXN TAC engineer to leave site after maximum of 2 hours. Additional time may be subject to cost charges.

**4 Hour + Prep (4 hour hardware support only)**

As above, plus configuration pre-load and software upgrade prior to site delivery. 4 hour SLA begins once configuration file has been received and successfully loaded.
**ESCALATION PROCESS**

**Technical Escalations**

**Level 1 Support**
Call handling and logging by a Technical Support Engineer to troubleshoot to resolution or escalate where necessary

- **Contact:** Exclusive Networks Technical Support
- **Email:** 24x7@exclusive-networks.com
- **Phone:** +44 (0) 1420 548 247

**Level 2 Support**
Technical escalation point for Level 1 Support who work with more complex issues and work closely with the Level 1 Support team to resolve or escalate issues.

**Level 3 Support**
Technical escalation point for Level 2 Support, and to approve hardware faults as part of the RMA process handled by Level 1 Support.

**Management Escalations**

To raise any issues related to existing Technical Support cases, or requests for escalations, customers are encouraged to use the below contacts. Issues will be actioned by the appropriate management level.

**Level 1**
Support Management escalation to **Technical Support Team Leader**

**Level 2**
Technical Manager escalation to **Technical Support Manager**

**Level 3**
Director escalation to **Technical Director**

The Exclusive Networks Technical Support Management Team can be reached at:
Tekchsupportmgmt_UK@exclusive-networks.com