## Access Network Products

### Alcatel ISAM/ASAM

<table>
<thead>
<tr>
<th>ISAM 7302</th>
<th>Product Name</th>
<th>Product Type</th>
<th>Key Features &amp; Uses</th>
<th>Pricing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Alcatel ISAM 7302</td>
<td>IP Access Node</td>
<td>The Alcatel-Lucent 7302 ISAM, now marketed as the Nokia 7302 ISAM, (Intelligent Services Access Manager) is a high-density IP Access Node and a member of Alcatel-Lucent's ISAM family of IP Access products.</td>
<td>Click here to request a quote for the complete system</td>
</tr>
</tbody>
</table>

### Product Description

The 7302 ISAM enable users to deliver high-speed broadband services from central offices, using VDSL2/Multi-DSL to leverage existing copper plant and/or using point-to-point fiber.

**Evolution of the Alcatel-Lucent 7302 ISAM**

There are multiple generations of the 7302 ISAM, each being an improved and updated version of its predecessor; designed to meet the requirements of the advance in available technologies. Carritech stock a wide range of these products and can help you to identify the parts you may require for existing systems.

The final update, ‘Release 4.2’ is the third-generation IP DSLAM for application-enabled access. It is designed to meet the requirements of the third wave of broadband access evolution, and includes:

- Residential, mobile and business applications converge on a single IP/Ethernet/MPLS access platform
- Application and subscriber intelligence to extract more value from the network
- Mass-market FTTx that deliver 50 Mb/s and beyond

‘Release 4.2’ brings the possibility for smooth evolution to Next Generation Fiber Access, with lower CAPEX/OPEX investments.

---

*For more products and information regarding Carritech and the wider telecommunications industry, visit our website at [www.carritech.com](http://www.carritech.com) or follow us on twitter [@carritech](https://twitter.com/carritech)*

Carritech Limited, 7 Deanland Business Park, Golden Cross, Hailsham, BN27 3RP

Telephone: (+44) 203 006 1170 • Email: contact@carritech.com

---

*Extending the life of telecommunications networks.*
### ISAM 7330

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Product Type</th>
<th>Key Features &amp; Uses</th>
<th>Pricing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcatel ISAM 7330</td>
<td>-</td>
<td>The Alcatel-Lucent 7330 ISAM, now marketed as the Nokia 7330 ISAM, (Intelligent Services Access Manager) Fiber to the Node (FTTN) (ANSI) IP-DSLAMs support deployment scenarios ranging from 48-line applications with small form factor SEMs to 864-line applications with the ARAM-E shelf.</td>
<td>Click here to request a quote for the complete system</td>
</tr>
</tbody>
</table>

#### Product Description

With the 7330 ISAM products, service providers can offer ultra-high-bandwidth services while leveraging their existing copper plant.

The Alcatel-Lucent 7330 ISAM FTTN ANSI supports VDSL2 with vectoring and pair bonding. This enables broadband speeds of 100 Mb/s and beyond.

The Alcatel-Lucent 7330 ISAM Remote Aggregator (RA) supports flexible aggregation of DSL services by aggregating traffic from up to 24 shelf-based or sealed DSL expansion modules throughout the network. This distributed DSLAM solution is a powerful alternative for serving low-density and hard-to-reach serving areas. Alcatel-Lucent 7330 ISAM products comprise the most widely deployed access platforms in the world. They power some of the largest FTTN deployments around the globe.

### ASAM 7330

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Product Type</th>
<th>Key Features &amp; Uses</th>
<th>Pricing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcatel ASAM 7330</td>
<td>Access Multiplexer</td>
<td>The Alcatel-Lucent 7300 ASAM is an Access Multiplexer for ADSL-lines which offers flexible and easily scalable architecture that meets market requirements for mass deployment of DSL services.</td>
<td>Click here to request a quote for the complete system</td>
</tr>
</tbody>
</table>

#### Product Description

Access Multiplexer for ADSL-lines Alcatel 7300 ASAM supports multiple types of DSL, made by different standards, including ADSL (full and G.Lite) and G.shdsl.

The multiplexer 7300 ASAM supports a differentiated QoS for each line of services, allowing you to simultaneously transmit on a single DSL line whilst being sensitive to latency, and tolerant to data retention. This feature allows operators to offer multiple services to each client with the appropriate QoS guarantees.

The Alcatel-Lucent 7300 ASAM multiplexer is based on ATM architecture that supports a variety of classes ATM-services, including constant data rate (CBR, uncertain data rate (UBR, and UBR +), variable bit rate (VBR), and guaranteed frame rate (GFR). This provides operators with exceptional flexibility in use, offering different service classes – from cheap, low-priority services to first-class access, which requires a large bandwidth, such as LAN-to-LAN, VPN, streaming video and audio, and all with guaranteed bandwidth.

---

For more products and information regarding Carritech and the wider telecommunications industry, visit our website at [www.carritech.com](http://www.carritech.com) or follow us on twitter [@carritech](https://twitter.com/carritech).

Carritech Limited, 7 Deanland Business Park, Golden Cross, Hailsham, BN27 3RP
Telephone: (+44) 203 006 1170 • Email: contact@carritech.com

Extending the life of telecommunications networks.