Designed for training, skills assessment and simulation, Calypso is a powerful and scalable media recording and distribution platform to share video content in real-time for mission-critical decision making and post-event contextual review.

### Extensive Multi-Source Capabilities
Advanced assessment is based on understanding aggregated information sources — multiple points of view sourced from different cameras, computers, and other data-driven content systems. Calypso’s multi-source capabilities combined with a real-time metadata application (HotMarks™) gives users the capacity to view and review the true context of complex events.

### Recording Performance
The Calypso server is a high capacity H.264 network video recorder capable of capturing up to 50 live HD sources simultaneously on a single server appliance. Users can monitor sessions with a low latency multi-view interface, choose to record any or all of the contributing streams, assign metadata to sessions, sources, or events in real-time, and elect to share sessions or remove viewing privileges at any time. Once captured as an asset, sessions can be made available to specific audiences as full resolution, multi-stream video-on-demand.

### Monitor & Share Real-Time Events
Calypso puts the power of real-time content sharing into the hands of those responsible for monitoring the events. Users can quickly identify sources, associate them together into contextual sessions, and immediately share the multi-view high resolution session with the intended audience.

### Workflow Efficiency & Access Control
Designed for users with mission-critical content requirements, Calypso is based on simple record and review workflows to empower decision making, collaboration and assessment. Users can quickly share, authorize and de-authorize live and on-demand complex media assets instantly and confidently.

<table>
<thead>
<tr>
<th>Product Features</th>
<th>Product Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-Source Viewing</td>
<td>Provide in-context viewing, recording and playback of multiple HD sources within multi-view web player</td>
</tr>
<tr>
<td>Real-Time Sharing</td>
<td>Assign viewing privileges on-the-fly for both live and VOD assets</td>
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<tr>
<td>Multi-Source Recording</td>
<td>Assign multiple sources to a single session and record associated video streams simultaneously for contextual playback</td>
</tr>
<tr>
<td>Recording Performance</td>
<td>Record up to 50 HD sources simultaneously on a single server appliance</td>
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<tr>
<td>Content Security</td>
<td>Ensure content integrity, whether live or recorded, throughout the lifecycle - from creation to streaming to editing</td>
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<tr>
<td>Metadata</td>
<td>Assign metadata to assets or events within multi-stream assets (HotMarks™)</td>
</tr>
<tr>
<td>Advanced Search</td>
<td>Search across all assets for HotMarks metadata</td>
</tr>
</tbody>
</table>

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### CALYPSO (S-CLYPSO-X)

**Management Interfaces:**
- Calypso Portal
- REST API
- Console UI

**Features:**
- Session-based workflow
- Access control
- HotMarks insertion with annotation
- API-enabled control
- Multi-source recording
- Real-time streaming & sharing
- No software installation

**Inputs:**
- MPEG Transport Stream
- H.264
- AAC Audio

**Output:**
- RTMP

**Platform:**
- Secure Linux-based OS

### CALYPSO - 1RU (S-CLYPSO-X-1U)

**Hardware Platform:**
- Haivision optimized server platform (1RU)
- 1.8 TB RAID 5

**Physical Characteristics:**
- Intel-based processing
- Power Supplies: 2 x 550 W hot swappable
- Dimensions: 42.9H x 431W x 642D (mm)

### CALYPSO - 2RU (S-CLYPSO-X-2U)

**Hardware Platform:**
- Haivision optimized server platform (2RU)
- 6.6 TB RAID 5

**Physical Characteristics:**
- Intel-based processing
- Power Supplies: 2 x 750 W hot swappable
- Dimensions: 86.4H x 431W x 722.8D (mm)

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**CALYPSO WORKFLOW**

1. **Cameras** → **Makito Encoders** → **Calypso** → **Desktops & Laptops**

**Calypso Product Portfolio & Ordering Information**

- **S-CLYPSO-X-1U**
  - Calypso 1U system
  - Network Video Recorder and Media Sharing System - 25/50 or 50/100 Mbps recording/playback - Active Directory support - approximately 5 to 10 HD sources simultaneously (expandable) - 1.8 TB RAID storage

- **S-CLYPSO-X-2U**
  - Calypso 2U system
  - Network Video Recorder and Media Sharing System - 50/100 to 200/400 Mbps recording/playback - Active Directory support - approximately 10 to 40 HD sources simultaneously (expandable) - 6.6 TB RAID storage

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[Image: Calypso Content Browser]

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[Image: Calypso Product Portfolio & Ordering Information]

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[Image: Calypso HD/SD Sources & Makito Encoders Image]