

# SeaChange® SeaDAC II

QuickSpec

*SeaChange SeaDAC II is SeaChange Axiom® On Demand's next-generation television navigation service, designed to support the delivery of advanced interactive applications and highly personalized television displays.*

## OVERVIEW

As on-demand libraries explode with more and more movies, music, programs and games, it is essential to create an intuitive experience for subscribers, so they can easily find and view desired entertainment. SeaChange's SeaDAC II makes this possible by providing the essential information and connection between the VOD back office and applications residing on the television set-top box.

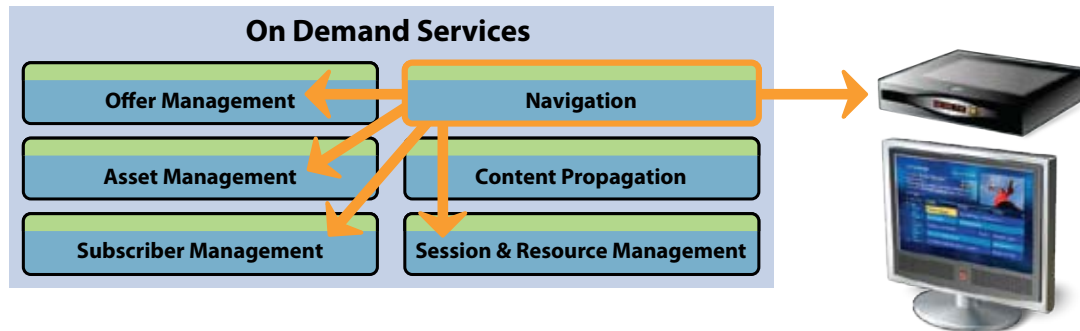
SeaDAC II gathers business rules, subscriber information and metadata from various Axiom components to precisely determine which VOD content to display to a specific household. A set-top box application, such as SeaChange VODlink®, uses this information to present a seamless and intuitive experience to the subscriber as they search for, preview and select on-demand entertainment.

SeaDAC II identifies, verifies and communicates the following data:

- Available VOD entertainment
- Appropriate delivery network paths
- Subscriber entitlements
- Available suspended programming
- Search results from the VOD library
- Upsell opportunities

SeaDAC II expands upon the proven reliability and performance of SeaChange's SeaDAC standard navigation technology. SeaDAC II was engineered to deliver a high degree of personalization to advanced interactive applications to meet today's era of subscriber services. Further, its database architecture is structured to deliver the scalability operators require to support their seemingly infinite VOD library assets.





*SeaDAC II provides Axiom On Demand's navigation bridge to the customer's television, gathering essential information from across the VOD system and sharing it with set-top box applications for accurate displays of available on-demand entertainment.*

## FEATURES

*SeaDAC II includes the following advanced navigation features:*

- Communication of asset metadata, subscriber entitlements, program previews, posterboard images, lists of active rentals, and VOD network data to set-top-box client applications for accurate and timely display of VOD content on the subscriber television
- Support for lightweight (CMOD) and web-based (HTTP) set-top box clients
- Ability to service lightweight and web-based set-top box clients from a single application server
- Client navigation via search, drill-down by folder, and context or source ID
- Ability to custom-define asset, folder and package metadata (HTTP clients only) to provide greater flexibility in creating custom-tailored VOD portal displays
- Backend database cluster stores asset metadata, enabling high scalability, quick response time and failover protection for navigation services
- Manager-subordinate architecture to improve scalability and deliver centralized configuration
- Room-to-Room VOD allows the resumption of suspended programming from any set-top box within the subscriber's household
- Delivers program rating metadata in support of parental controls
- SOAP metadata trigger interface provides database change history to 3rd-party applications
- May be integrated with 3rd-party applications and services
- Compatible with SSL-encrypted client traffic architectures
- Compatible with McAfee Antivirus software
- Support for alarms and SNMP v2 traps
- Seamless transition from Axiom's standard navigation (SeaDAC)

## SPECIFICATIONS

### *Scalability*

SeaDAC II is designed to scale to the corresponding Axiom version with support for up to 60,000 set-top boxes per SeaDAC II Application Server pair.

SeaDAC II Database Servers required per the following scaling guidelines:

- One (1) Database Server pair for the first six (6) Application Server pairs
- One (1) Database Server pair for the next four (4) Application Server pairs
- One (1) Database Server for each successive group of four (4) Application Server pairs

*Note: Scaling is based on using TLA-02xx-00 or TLA-02xx-10 hardware.*

### *Interface support*

- CMOD clients with CMOD library v3.5 and later, including:
  - SeaChange VODlink Platform Suite v3.5-v4.x
  - TVGuide/GuideWorks A25 or later
  - Verizon Mercury versions
- HTTP clients, including:
  - TVWorks OCAP clients
- 3rd-party server integrations

### *Software and hardware requirements*

SeaDAC II software components are installed on Axiom Application Servers running Axiom Core and Axiom Movies On Demand Applications software, plus the Axiom Movies On Demand database server. Required Axiom solution components include:

- SeaDAC II software
- Axiom Movies On Demand Applications database server, running MySQL Professional Edition 5.0
- Axiom Movies On Demand Applications software v4.0 or later
- Axiom On Demand Core v4.0 with IDS v4.0 or later
- Axiom Application Servers running Microsoft Windows 2003
- Access to the SeaChange License Manager server for license verification

### *Personalized applications support:*

- SeaChange DVD On Demand
- SeaChange Affinity
- SeaChange Game Now<sup>SM</sup> LT

## SALES ORDER INFORMATION

SALES ORDER NO.	DESCRIPTION
SWL-04-00007	SeaChange SeaDAC II Software License
TLA-0230-00	SeaChange AMA Database Server Model 102-AC, MySQL enabled Database Unit with Co-Standby Server Enabled (for 100-250 AC)
FGA-0489-00	SeaChange AMA Database Server PAIR Model 102-AC Two MySQL enabled Database Units with Co-Standby Server Enabled (for 100-250 AC)
FGA-0505-00	SeaChange AMA Database Server Model 102N-AC, MySQL enabled Database Unit with Co-Standby Server Enabled (for 100-250 AC) NEBS CERTIFIED
TLA-0245-00	SeaChange AMA Database Server PAIR Model 102N-AC Two MySQL enabled Database Units with Co-Standby Server Enabled (for 100-250 AC) NEBS CERTIFIED

## ABOUT SEACHANGE

SeaChange International is a leading provider of software applications, services and integrated solutions for the management and monetization of Video on Demand (VOD), digital advertising, and content acquisition. By partnering with leading cable and telco companies and broadcasters, SeaChange delivers the revenue-generating, churn-reducing applications, media services, and servers operators need to differentiate their offerings and create strong customer loyalty.

Visit [www.schange.com](http://www.schange.com) today.



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