

Integrated Console

Platform Enablement



Media Driver Software

BENEFITS

Enterprise-Ready

- Single application for all module functionality
- Multi-version, multi-vendor support from a single installation
- Centralized, agentless deployment

Lightweight & Scalable

- Support for managing over 10,000 servers
- Beyond 10,000 queues and topics supported
- No backend database required

Security & Accountability

- Active Directory and LDAP Integration for username, password and group membership
- Advanced Role Based Access Controls (RBAC)
- Low administration footprint
- Audit tracing of all user functions performed through the console
- Server connection passwords are encrypted

Your SOA management tools should be as powerful as your integration technologies.

SOA management tools should provide more functionality than just allowing for configuration management. They should provide reduction in effort on commonly performed tasks, contextual support with tasks within the environment, and relevant tools to improve productivity of administrators, developers and application support teams. They should make your team more efficient.

Media Driver embraced these concepts when designing the Integrated Console. Media Driver Professional Services have spent years architecting, deploying and managing middleware technologies within some of the largest computing environments in the world. This level of enterprise experience provided Media Driver the insight required to build a next generation SOA management solution that allows for greater access and control of your SOA environment than ever before.

Executive Management

Today's modern business needs are moving faster than IT departments can deliver. Advanced tools are required to help your team be more efficient and accurate in a secure manner. The Media Driver Integrated Console provides your teams with technology solutions to achieve these goals.

Your technology teams have very different needs based on their job functions. The Integrated Console provides your team members the ability to securely perform their job functions without risk to the business.

Application Development

The Integrated Console accelerates development efforts by simplifying testing and troubleshooting. This is accomplished by presenting information relevant to your application deployment in contextual views and providing links to quickly navigate to related resources.

The Integrated Console provides developers the ability to quickly take advantage of the messaging platform and the ability to quickly generate test scenarios that ensure their code is working as expected. Test scenarios can be performed in real-time as well as batches to simulate large data loads.

Operations

Consolidated Management

The Integrated Console provides administrators a lightweight, all-in-one solution for delegated administration of their IBM and Red Hat JBoss messaging environments. Consolidated management allows for administration of all instances and versions across your entire network from one central application.

Delegated Administration

Delegated administration allows the correct amount of privileges to be associated to the level of resource that require them. Administrators can designate specific access for junior and senior level developers, quality assurance resources, data analysts, administrators and more based on their specific needs in specific server environments.

FEATURES

Foundation Module

- The Foundation Module is the base component that all other modules for the Integrated Console are connected to. It allows functionality for the Advanced Role Based Access Control (RBAC) within the Integrated Console and must be used in conjunction with all other Media Driver modules.
 - Supports Microsoft Active Directory and LDAP users and groups
 - Supports local users and groups
 - Support for LDAP v3 paging for directories with 100,000 or more entries
 - Intuitive configuration for registering an application
 - Supports configuring of advanced RBAC policies
 - Simplified audit visibility of RBAC policies

Integrated Console ASOA Module

Red Hat JBoss Fuse & Apache Camel

- This module allows the ability to delegate access to management and testing features of Camel-based integrations based on role-based permissions. Context aware views and drill downs allow users to see statistics for routes, endpoints, consumers and producers in various high-level and drill-down views.

Camel Route management features include

- Start, Stop, Suspend and Resume routes
- View Route definition
- Validate Route and endpoint configuration
- Reset statistics

Supported Deployment Styles

- Red Hat JBoss Fuse
- Apache ServiceMix
- Apache Karaf
- JVM-Only Microservice

Integrated Console AMQ Module

Red Hat JBoss A-MQ & Apache ActiveMQ

- AMQ Specific features include
 - Manage and quickly drill down to related objects
 - Add, Delete, and Purge queues and topics
 - Client connections
 - Server and Network connectors
 - Persistence adapter
 - Producers and Consumers

Integrated Console WMQ Module

IBM MQ & IBM WebSphere MQ

- WMQ Specific features include
 - Inhibit/Allow Put and Get for queues
 - Purge Queues
 - Manage Channel and Listener objects
 - Add and update queue configurations

AMQ & WMQ Common Module Functionality

Message Send Tool Functions

- Send plain text and binary messages
- Send files
- Specify header values for timestamp, expiration, priority, correlation ID and all others
- Specify custom message properties

Message Browse Functions

- Browse messages on a queue without deleting or interfering with active processes
- Edit and resend messages for reprocessing
- JMS Selector tool to build error-free queries
- Save and load query filters
- Copy, move, and delete messages in bulk

Encryption Management Module

- The Encryption Management Module (EMM) provides the ability to delegate access to encrypting and decrypting configuration files and data payloads. Administrators set up encryption keys for servers or groups of servers and allow developers to create encrypted configuration files without having to have access to the private key. This functionality eliminates the need for developers to have access to encryption keys or have to write custom programs to manage encryption routines.



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3824 Cedar Springs Road
Suite 430
Dallas, TX 75219 USA
www.mediadrivers.com
855-4-SOA-TEAM