MediationZone

Powered by DigitalRoute

7.0

MediationZone 7.0 delivers an easy-to-integrate, high-performing, user-friendly and functionally innovative platform that gives users unrivalled control over their data in an even more cost-effective and robust manner than before. It secures and enhances MediationZone's existing reputation as the leading such platform on the market while continuing to drive it towards accommodating the continually evolving needs of modern Communications Service Providers.

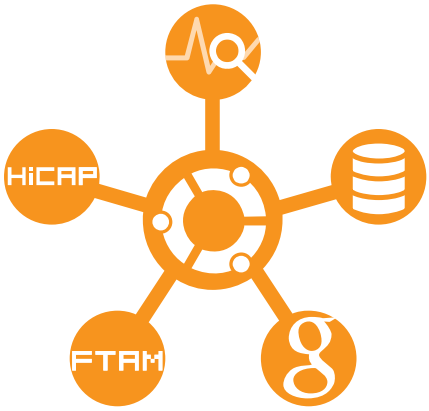
DigitalRoute

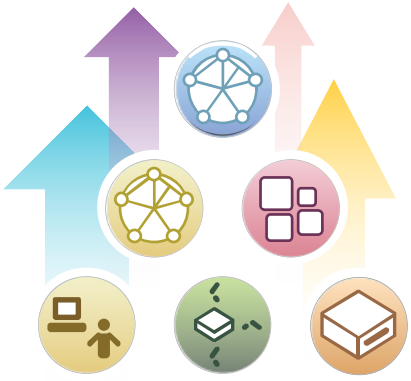
Every bit counts.

Key Features

1 Provides additional modern legacy interfaces to help Data Centres win the battle against ageing legacy IT systems as well as accommodating the newest streaming data formats.

- SMPP
- HiCAP Support
- Ubuntu in-platform Support
- Postgre DB support
- FTAM Protocol Over TCP/IP
- Google Protocol Buffer Support





2 Improved system availability

- Persistent Real-Time Aggregation Storage
- Configuration Spaces
- Extended Supervision of Diameter and Radius
- Diameter/Radius Throttling
- Radius Forwarding Enhancements
- ...and improved performance -- Proprietary Disk Formatting enhancements

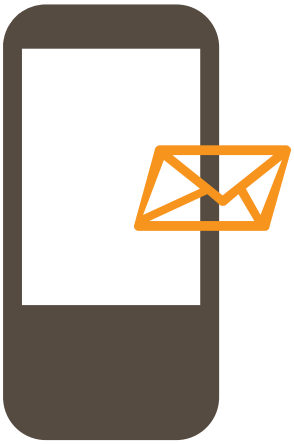
3 New business logic/use cases/solutions

- Service Control – that enable uses cases like sponsored data, bifurcated billing, lean billing, buckets

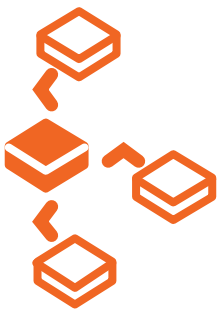
4 Ease-of-use Enhancements that deliver more rapid times to market and improve the quality of the user experience

- For Loop
- New APL editor
- Online Documentation
- Automated Documentation

New Options

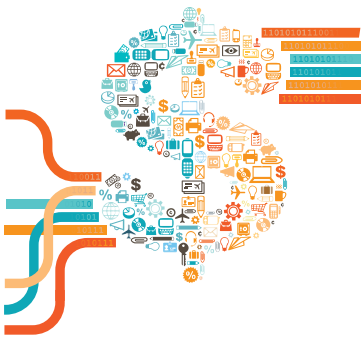


SMPP
This is a new agent that requires an additional license purchase. It provides a protocol to easily connect MZ to SMS.C elements without a need to use Web Services. This promotes and supports enhanced interaction with subscribers in Service Control environments which has the user benefit of being able to increase transparency, for instance by easily providing confirmations of purchase. While this is a chargeable feature for DR, it is likely to be a standard requirement in any Online Control Solution (Policy-Service-Routing.) It is also bi-directional. SMPP enables Service Control to become a single product engine (i.e. can handle roaming for MTS without any other systems involved).



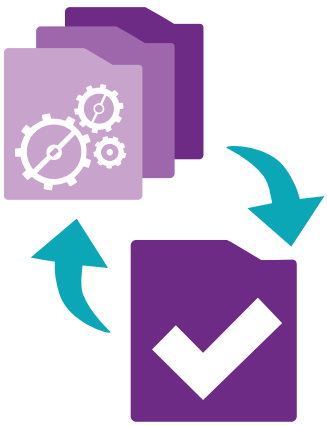
Persistent Real-Time Aggregation Storage
This is a new license, a paid feature that provides real-time, scalable storage and redundant set-up in clustered database systems – something that is much in demand. Couchbase (the chosen storage technology -- an open source database) support is required and provided as the alternative to previously used proprietary disk storage. This makes it easier to send the right traffic to the right node and thus to distribute traffic load.

HICAP Support
A specific protocol enabling data to be received from legacy Lucent switches that were once proprietary but are now generally available. This is a license/paid for agent.



Service Control
Pre-configured Use Cases in a new Solution Area. License/paid functionality.

Core Features



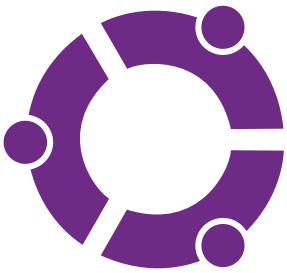
Configuration Spaces –

Config Spaces are a new way to handle business logic. MZ can continue to run while you change configurations where if this is done offline then the system re-compiled, down-time can result. In 7.0 the system stays active while staging for new config-related business logic runs in the background and when completed and re-compiled, you just switch the new config from "staging" to "active". Uptime is significantly increased.

In future, you will be able to run siloed configurations on one processing platform which orients MZ towards the Cloud and multi-tenancy which syncs with our future vision. There is no degradation of User Experience as a result of this improvement and it pertains to Batch rather than Real Time environments.

For Loop

A feature that makes it easier to do more advanced coding in APL. It dramatically reduces the amount of code that needs to be written, roughly 5 lines now to achieve the same thing as 25 lines in the past. It's important not just because of the gains but it demonstrates our commitment to our programming language and our willingness to invest to improve it. This is a free, built-into core improvement.



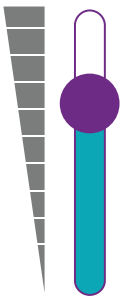
Ubuntu in-platform Support

Support for the leading Operating System which is particularly popular with the developer community. This means a freer choice of Operating Systems in both physical and virtual environments. Customer have needed this feature because commonly things that work on Ubuntu do not necessarily work on other UNIX OS flavors.

Core Features

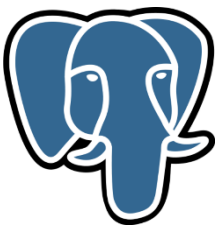
Extended Supervision of Diameter and Radius

Overload protection for incoming traffic is enhanced as MZ becomes an intelligent receiving engine. System robustness and security are improved when transactions are handled more efficiently.



Diameter/Radius Throttling

For traffic outbound from MZ, the system can now take actions automatically if it doesn't get the expected response from downstream applications to which data has been sent. This means MZ can detect potential problems and load balance or throttle as required, thereby adding robustness to the entire stack. This feature is built into core. It's a critical advance not least because the system can intelligently protect northbound systems from the data tsunami. Data caching can be done during down time of northbound systems.



Postgre DB Support

PostgreSQL is widely viewed as the most advanced open-source database management system. We now have a support profile for it and can directly interface this database for various operations like loading, ref. tables.

Radius Forwarding Enhancements

Enable better aggregation of active connections. Radius as a protocol is limited to number of interactions per node. MZ enhances scalability beyond the limitations of the protocol itself. Many more transactions in parallel are possible.

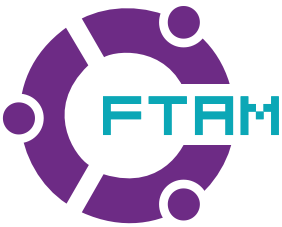
New APL editor

Continued investment in APL.

Core Features

Platform Performance

Enhanced support for proprietary data formatting which previously might have resulted in bottlenecks and required caching to disk. Formatting is now condensed which increases TPS and data security and enables better persistence to disk. This is in core rather than license and has a big impact on higher volume (Tier 1) implementations.

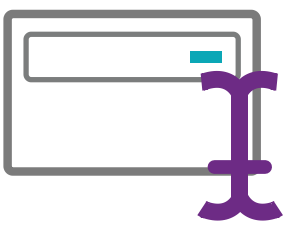


FTAM over TCP/IP

The FTAM protocol (File Transfer Access and Management) has now been re-engineered to run on Linux, removing hardware dependencies such as Sun. This both lowers TCO and improves performance, reducing the need for both hardware and software from 3rd parties.

Google Protocol Buffer Support

Maintenance of existing support for encoding/decoding of new formats within the MZ system. Broadens the system's ability to understand new data schema by native support for the leading inter-machine communications protocol.



Online Documentation

Now available for current release and future releases via a single, easy-to-use web portal. Also enhanced with regularly updated samples, Online Documentation provides a means for interaction between developers. We are the first mediation vendor to do something like this.

Automated Documentation

A Fedex Day winner, allowing documentation editing on-the-fly.

Get to know us on Social media.

About DigitalRoute

DigitalRoute has been providing new approaches to enterprise data management since 1999. Its software platform offers high throughput and provides a unique degree of user configurability, processing all usage and statistical data extracted from the networks, including both billable and non-billable events. This means customers gain greater cost efficiencies, improved times-to-market for new service offerings, the ability to monetize any data, and the means to enhance end-customer satisfaction. DigitalRoute makes network events available to the right systems in the right formats in the most appropriate volumes at the required times, without losing a single bit. This is the foundation from which multiple, mission-critical use-cases can be addressed in the areas of Online Control and Data Processing.

Over 300 leading companies worldwide actively use DigitalRoute technology to meet their data management needs, including a number of OEM partners who use our platform as a central part of their own offerings. DigitalRoute is built on the core values of Expertise, Open- Mindedness and Commitment. DigitalRoute is a venture-backed, privately held company with a turnover of 30m EUR in 2013 and a record of profitability since 2005. With close to 200 employees, the company is headquartered in Stockholm, Sweden with regional offices in Gothenburg, Atlanta, and Kuala Lumpur.

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