

conductor 4SQL[©]

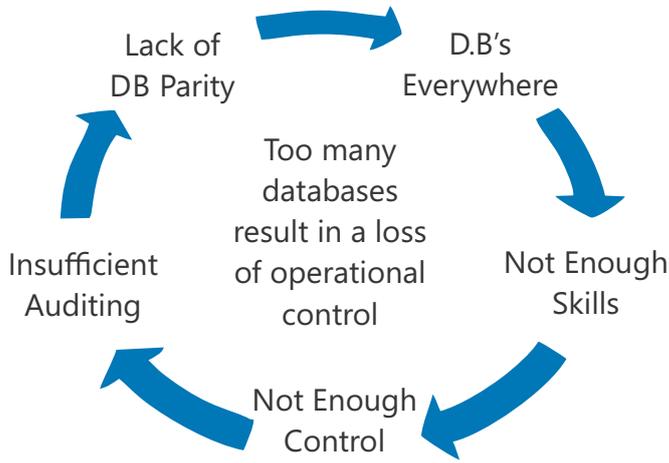
Developed by:

ENTERPRISEWOR 



Maximizing the Potential of Data for Enterprises

Problems?



Conductor+SQL is a software solution which allows organisations to effectively manage large numbers of SQL Servers and synchronise data between them.
It provides a single point of Enterprise security, auditing and compliance are also great aspects to the product.

We have the answers!

Specialised product optimised to administer multiple databases simultaneously



Tasks

Tasks are executed immediately across the connected environment; results and data are returned in near real-time.

Connectivity

If a connection is offline or erratic, tasks are automatically placed in an intelligent queue mechanism. No exception management is required.

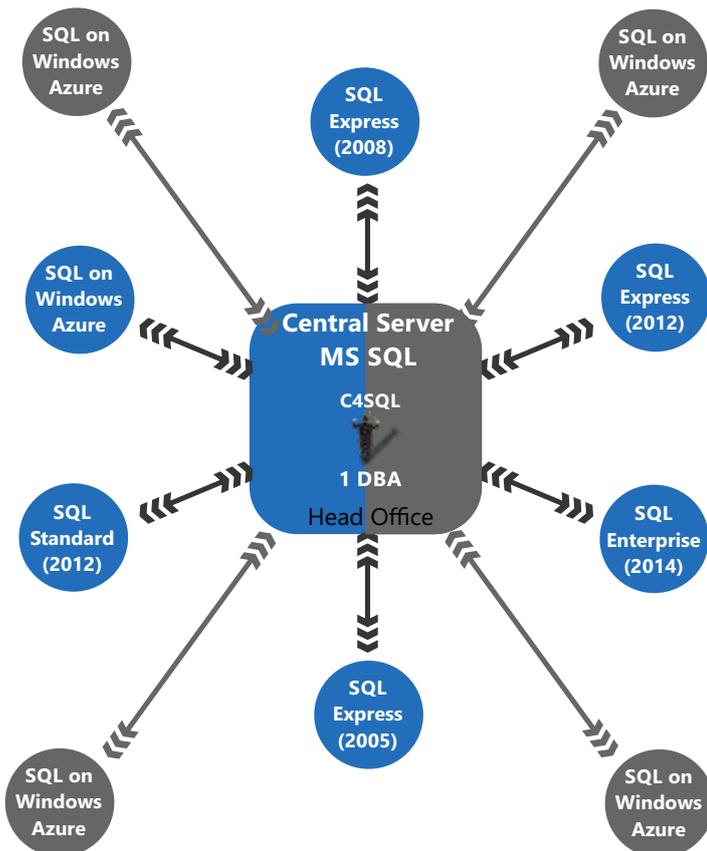
Results

Returned results are consolidated and organised automatically by the software in a user-friendly and actionable format.

Queue Function

The queue function ensure all delayed tasks are deployed and returned in the correct order as soon as the line is stable.

Microsoft SQL Server Environment Management



Features

Conductor4SQL

Traditional Approach

	Distributed SQL Queries and Commands	<ul style="list-style-type: none"> From a single location, retrieve data from unlimited and dispersed SQL instances. Results are automatically consolidated and can be exported in multiple formats. From a single location, apply DML and DDL to an unlimited number of SQL instances. 	<ul style="list-style-type: none"> Requires a dedicated team or custom development to implement. Manual intervention, administration and management required.
	Data Synchronisation	<ul style="list-style-type: none"> Near real-time bidirectional synchronization of data is easy to set up. Managed from single point in user application. Simple to monitor, self-correcting. 	<ul style="list-style-type: none"> Complex configuration and setup required. Managed individually. Difficult to monitor and troubleshoot.
	Reporting	<ul style="list-style-type: none"> Reporting on MS SQL Auditing, Database trends and Monitoring. Management reports, track the use of C4SQL and what DBA's are using it for. Business users gain valuable insight into their SQL environment without having to know how to write queries. 	<ul style="list-style-type: none"> Time consuming querying and consolidation of results across MS SQL Environment.
	System Standardisation	<ul style="list-style-type: none"> Easily audit MS SQL landscape, to report on versions and configurations. Easily report on licensing compliance. Standardise MS SQL Metadata, security and SQL Code. 	<ul style="list-style-type: none"> Time consuming custom record keeping and system querying. Requires dedicated resources to constantly monitor and implement.
	Centralised File Sending	<ul style="list-style-type: none"> From a single point, send files, eg .bat, .sql, ddl etc. Compression and guaranteed delivery. Have a concise record of what was sent. 	<ul style="list-style-type: none"> Conventional methods for sending files requires big development efforts. Not generally audited.
	Schemas Comparison	<ul style="list-style-type: none"> Obtain a concise and searchable list of differences in tables, views, functions, stored procedures and indexes across all MS SQL servers. Align your database objects across a large number of MS SQL Servers, easily in a fraction of the time. 	<ul style="list-style-type: none"> Manual record keeping and system interrogation. Requires dedicated resources to constantly monitor and implement.
	Centralised Auditing	<ul style="list-style-type: none"> All the above features are fully audited. All DDL and security events on an unlimited amount of dispersed SQL servers are centrally audited. Giving complete visibility of everything happening in your SQL environment. 	<ul style="list-style-type: none"> Timeous process to implement with a lot of planning required Not tracked by default
	Message Delivery	<ul style="list-style-type: none"> All the above features work on guaranteed message delivery, meaning: <ul style="list-style-type: none"> - Resilient on slow and/or erratic networks. - SQL Server instances are not required to be online. - Far less human intervention. 	<ul style="list-style-type: none"> All of the above features require: <ul style="list-style-type: none"> - SQL Server instance to be continually available. - Human intervention and management of exceptions.
	Grouping	<ul style="list-style-type: none"> Easily group MS SQL Servers in your organisation into meaningful and manageable groups Easily enable any of C4SQL's features on a subset of MS SQL Servers 	<ul style="list-style-type: none"> Generally complex and time consuming to work on any large grouping of MS SQL Servers.
	Data Recovery	<ul style="list-style-type: none"> Disaster Recovery Management When using the C4SQL Data Synchronisation Feature one can ensure data is recoverable even if you do not have MS SQL backups. 	<ul style="list-style-type: none"> Lost or non-existing data when backups are unavailable.

FEATURES AND BENEFITS OF C4SQL

Conductor4SQL is a software solution, developed by EnterpriseWorx, which allows organisations to efficiently manage large quantities of Microsoft SQL servers and synchronise data between them. It provides a single point of management and visibility of IT operations and hosts a great deal of value-adding functionality, including:

- **Centralised Query and Command Capabilities:** From a single point, retrieve data from an unlimited amount of dispersed SQL instances and consolidate, view or export the results. Conduct project releases, database version control and make metadata changes. E.g. Data Definition Language (DDL) and Data Manipulation Language (DML)
- **Centralised File Distribution Capabilities:** From a single point, send files of any type to an unlimited amount of dispersed SQL instances. E.g. distribute an application program's dynamic link libraries (DLL), batch files etc.
- **Centralised Data Synchronisation:** From a single point of administration, consolidate and synchronise data to and from an unlimited amount of dispersed SQL instances. This can also be used for central reporting purposes.
- **Centralised Auditing and Event Notifications:** From a single point, track and report on all events that occur over an unlimited amount of dispersed SQL instances and set up emailing lists to receive notifications.
- **Scheduling:** Commands and queries can be scheduled to execute daily, weekly and monthly, during suitable times.
- **Guaranteed Delivery and Resiliency:** Conductor4SQL ensures that all of the above features are built on a guaranteed message queuing platform, making C4SQL extremely reliable and resilient.

BUSINESS BENEFITS OF C4SQL

Often an enterprise- or datacentre edition solution, similar to a C4SQL implementation, carries excessive licensing and support costs. Conductor4SQL is uniquely positioned to allow a solid, cost effective solution by being able to run on SQL server express editions, with only the central management server requiring at least SQL server standard edition. The system also utilises its own functionality to be easily upgradeable. Continuous network connectivity is not required and it is implemented to support existing systems.

- **Risk management:** Business are able to ensure that their environments are audited correctly. Unauthorised access and modifications are easily tracked.
- **Real-time centralised data:** Business can benefit from real-time centralised data synchronization, they can then leverage this value for use in other systems. E.g. Reporting, Business Intelligence, etc. Implementations can be in different time zones.
- **System standardisation:** Businesses can ensure that all SQL systems comply with enterprise standards. No more rogue SQL systems within your environments.
- **Compliance:** Monitor the number and type of SQL installations within the SQL environment. This allows for ease of reporting with regard to licensing compliance. No more Microsoft license headaches.
- **Scalability:** The Implementation size is easily scalable as Conductor4SQL works on a variety of version implementations and server workloads are distributed.
- **Resource efficiency:** IT staff will spend less time on maintenance and repair, and more on meeting business demand.

ABOUT ENTERPRISEWORX

Established in 2003 and based in Johannesburg, South Africa, EnterpriseWorx is an innovative IT company committed to helping global organizations gain a competitive edge by leveraging the power of technology and data.

Our areas of expertise include business intelligence, data management and software engineering, with solutions tailored to address our clients' specific/unique needs by applying best practices, agile methodologies and superior technology as well as people and process optimization. Our unique strength lies in our ability to bridge the gap between data management and BI as well as our skill in pulling together different pieces of the information puzzle enabling your business to run more productively.

Because we are committed to long term relationships with our clients, EnterpriseWorx remain at the forefront of cutting-edge technologies which include applications, infrastructure and various cloud based solutions to help customers build high performance environments. We are a Microsoft Gold Certified Partner.

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