YOUR DATA, YOUR WAY

MAKE SMARTER DECISIONS BY SURFACING CYGNUM DATA IN YOUR PREFERRED BUSINESS INTELLIGENCE TOOL

By mirroring the data that you hold in Cygnum to a SQL database for use in your business intelligence process you can gain deep operational insight into the areas you need to in an easy, timely and efficient manner. The time taken to manually define and extract data, then upload it into a third-party management information tool can be an incredibly labour-intensive process which is also open to human error. By automating the process with Cygnum's Data Analytics Module, you can save time by surfacing the data that you need to gain valuable insight quickly and easily.

Our team can help get you set up. We work with you to define the scope of data that needs to be present in SQL, and then configure your mirroring process and the timeliness with which it is run. The mirror can be scheduled to publish data changes at the frequency that makes sense for you – from once a week to near real-time.

THE BENEFITS

ANALYSE
Improved data visualisation enables better data analysis, helping you to make better decisions

PROCESSING
The processing load for analysing your data is moved away from your business critical Cygnum server

EASY
Set up once then automate data output for reliable and informed analysis

MULTI-SYSTEM VIEW
You can join your extracted Cygnum data to data from other systems, broadening operational insight through your third-party business intelligence tool

EFFICIENT
Spend less time generating and more time analysing your data

VALUE
Gain additional value from the data you hold in Cygnum

FEATURES OF CYGNUM'S DATA ANALYTICS MODULE

TIMELY
Make your Cygnum data available when you need it for your business analysis

AUTOMATED
Publish up to date data automatically from Cygnum

TARGET MAPPING
Cygnum describes source-to-target mappings of fields shown on the screen to tables and columns in a SQL database

FLEXIBLE
Extract your required data from Cygnum and visualise it in your favourite reporting platform

EXTENDABLE
As new attributes are implemented within your Cygnum environment, it is simple and straightforward to include them in your published SQL tables

DATA MODELLING
Relationships between tables are included automatically when publishing to SQL, ensuring you can interpret the data structure

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cygnum

THE BENEFITS

Every field you want to report on from within your Cygnum database is mapped to a target column in a SQL table. We work with you to establish which fields you need and the frequency with which you need them. Once your reporting fields have been defined, the Data Analytics module will then be configured to automatically populate all of the tables and columns in the SQL database with the required data from Cygnum. When mapped data changes in Cygnum, this is added to a pending queue to be pushed out at the time of your next scheduled extraction, updating the SQL table automatically.

REPORTING PLATFORMS

Cygnum can mirror data to Microsoft SQL Server 2016 or Azure SQL; however where utilising SQL mirroring comes into its own is that you can visualise your Cygnum data on whichever third-party platform you want, for example, Microsoft Power BI, Tableau, SAP Business Objects, or Qlik Sense. So, however you wish to visualise your Cygnum data, you can do it with the Data Analytics module.

BUSINESS INTELLIGENCE CONSULTANCY

To help support your BI teams in designing and building the very best visualisations for your business, CACI are also able to offer Business Intelligence consultancy on all the major third-party reporting tools. Please contact your account manager for further details.

For more information on Cygnum and how it can help your organisation, please visit:
www.caci.co.uk/products/cygnum