Analytics **VX**

The hub of a school's MIS

Bromcom

What is Analytics VX?

Analytics VX is at the centre of the schools operations by facilitating the management and organisation of data from your MIS database. Powerful and highly flexible analytics allow a school to understand attendance and demographic data.

Login anywhere from any device

Analytics VX Dashboard

Your School

Analytics VX Database
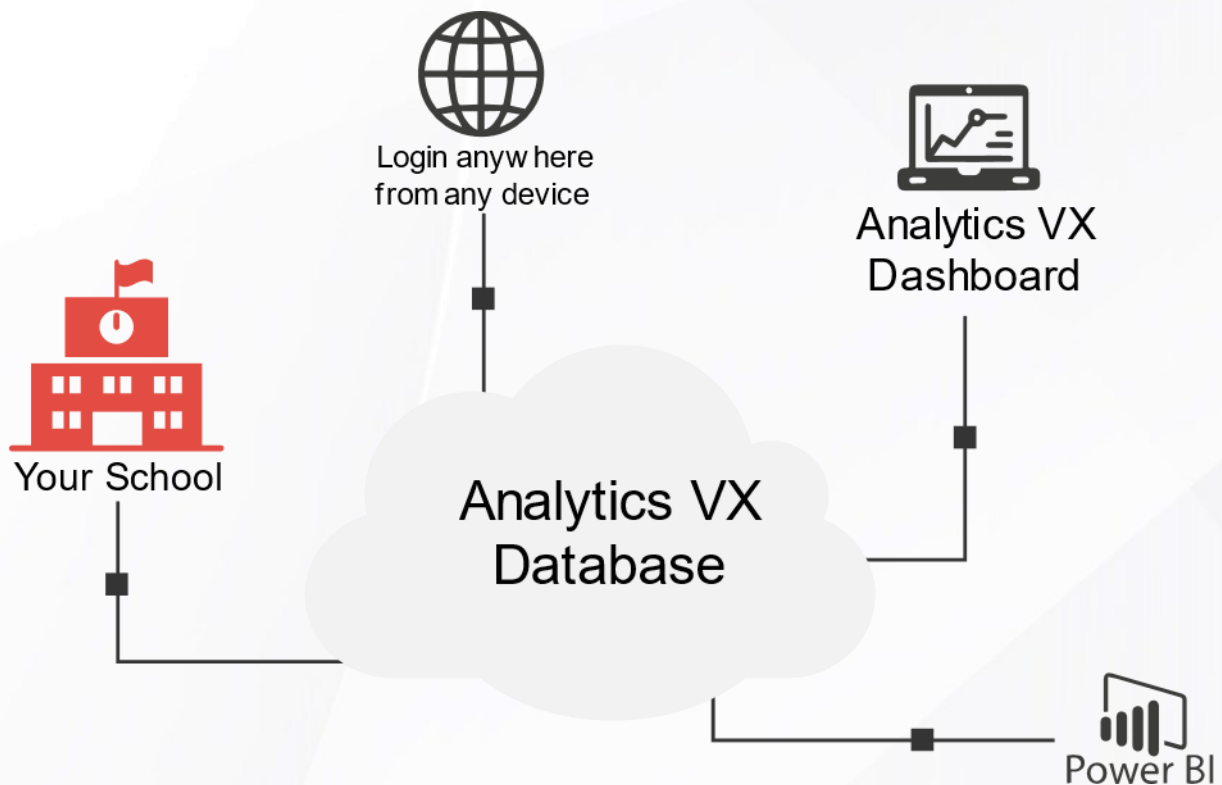
Power BI

Once logged into Analytics VX a user with the appropriate role can analyse school data, drilldown to pupil-level data.

Securely transfer of individual school data into Power BI and display bespoke dashboards within the Analytics VX interface.

Key Features

Flexible and customisable dashboards ensure users see relevant and timely information.

Tiered levels of analysis, down to student-level data, is controlled by roles and permissions.

Feature Overview

Simple Setup & Configuration

With a simple set-up and configuration, once your licence is generated by our Customer Services team, an MIS Connector can be installed to synchronise your school's data with Analytics VX.

Quick Access to School-wide information

Access data about your school from within Analytics VX. Student and staff lists are available as exportable data tables containing their various characteristics.

Power BI and SQL

For Power BI integration you can use our Secure OData feed to create bespoke dashboards. These can be embedded directly into Analytics VX, with secure authentication to ensure your sensitive data are kept safe.

Forthcoming Feature

Bromcom Live Assessment Benchmarking

Bromcom Live Assessment Benchmarking is new and unique which, no other MIS software supplier is offering.

We have over 375,000 students on Bromcom systems. By utilising this large pool of anonymised data from these Bromcom schools, we will be able to offer you the ability to carry out comparisons between your school's data and the equivalent groups from other schools. Once you have your Analytics VX account, schools can benchmark their performance from the moment results are entered onto your MIS.

The current groups that we are looking to implement for Live Assessment Benchmarking are:

- By local geographic location
- By selecting geographical location
- Schools within own trust
- By similar schools

The comparisons will be featured within a PowerBI App in the Analytics VX and enables you to show your school's data against others that meet chosen criteria.

Rather than being static reports, these benchmarking features are interactive, live analytics, enabling schools to delve right down to the detail. The dashboards are designed to give school leaders the flexibility to interrogate the results and gain deep insight into pupil performance.

Detailed Specifications: Simple Setup

Feature	What it does	Benefits
Simple set-up and configuration	Straightforward Connector installation to link data to Analytics VX	• Quick onboarding process • Adaptable solution that follows your MIS data without needing adjustment
Access Permissions to drill-down through tiers of data	Limits users to what level of details they can see dependent on the permissions their role/account has been granted	• Ensures GDPR and school policy compliance by displaying the minimum amount of data required per stakeholder • Flexible enough to drill-down to student/ staff level data for those with a business need and required permissions
Role permissions give full flexibility to grant Access/ Edit permission to each area of Analytics VX	Analytics VX roles can be set-up to provide different levels of access to match job roles and responsibilities within the school	• An administrator can tailor roles within the system to fit the school's policy on accessing data • Facilitates comprehensive data protection and security policies

Quick Access to School-wide information

Feature	What it does	Benefits
Students List	Lists students in a data table matching various student and school characteristics. The students shown within the data table, and the data items available is dependent on the user's permissions	• Access is tightly controlled by role and user permissions • Central overview of the "raw" student data including students' Contacts details • Ability to export for those users with permission • Ability to perform bulk student-level actions for those users with permission
View an individual student profile	Drill-down from the Student List page to an individual student profile	• Ability for users with relevant permissions to view an individual student's details from within Analytics VX • If an edit is needed to student data, a link to the relevant page with the relevant database makes managing student data quick and easy (Bromcom MIS Schools Only) • Access is tightly controlled by role and user permissions
View an individual staff profile	Drill-down from the Staff List page to an individual member of staff's profile	• Ability for users with relevant permissions to view an individual staff's details from within Analytics VX
Staff List	Lists staff in a data table matching various staff characteristics. The staff shown within the data table, and the data items available is dependent on the user's permissions	• Central overview of the "raw" staff data for HR and associated purposes • Ability to export for those users with permission • Ability to perform bulk staff- level actions for those users with permission

Inbuilt Analytics

Feature	What it does	Benefits
Informative Home page with customisable widgets	The homepage dashboard is very flexible. The user can customise the widgets which can include KPI statistics, charts, images, links to files, etc.	• From first log-on, the user sees at-a-glance their own timely and relevant school information • Powerful School Dashboard surfacing information relevant to the user's role and responsibilities • Each widget is a top-level element that can be drilled down to get further information
Create user-defined widgets for Home page	The user can create and save new widgets for the Home page to further customise their experience	• Ultimate control and flexibility to surface information and present it in a way that makes sense to the user
Enhanced benchmarking and Trends	Allows the school data to be benchmarked and compared to both internal datasets such as previous years' results, targets and national statistics	• Compare your school to national statistics • Compare year-on-year data and identify trends • Benchmark progress against internally set targets
Enrolment Dashboard	Charts, KPIs and data relating to enrolment, demographics	• Provides contextual student characteristics • Identify movement trends and issues • A user with relevant permission can drill-down through the charts to the underlying data

Inbuilt Analytics

Feature	What it does	Benefits
Attendance Dashboard	Charts, KPIs and data relating to student attendance	• Identify trends and attendance issues • Compare attendance data to various benchmarks • A user with relevant permission can drill-down through the charts to the underlying data
Behaviour Dashboard	Charts, KPIs and data relating to student behaviour	• Identify trends and behaviour issues • A user with relevant permission can drill-down through the charts to the underlying data
Exclusions Dashboard	Charts and data relating to student exclusions	• Identify exclusion trends and issues • Analyse exclusion data over time and compare to national statistics • A user with relevant permission can drill-down through the charts to the underlying data
Staff Dashboard	Charts, KPIs and data relating to employment, demographics other staffing information	• Identify trends and issues • Compare staffing levels over time • A user with relevant permission can drill-down through the charts to the underlying data

Inbuilt Analytics

Feature	What it does	Benefits
School Performance	Create rating systems and rate your school in various areas so you can track improvements	• Add notes describing the rating • Add supporting documents • Audit School Performance with logs
Ofsted Rating fields	Record Ofsted ratings for overall and in main areas, latest inspection date, etc.	• Report on Ofsted ratings and maintain a history for referential purposes
Student Attainment & Progress Dashboard **(Bromcom MIS Schools Only)**	Charts, KPIs and data relating to attainment and progress and different phases across school	• Provides prior attainment and latest results data for students • Identify attainment and progress trends and issues • Compare attainment and progress over time and between schools in the school • A user with relevant permission can drill-down through the charts to the underlying data
Grade Distribution Breakdown **(Bromcom MIS Schools Only)**	View Assessment results across the school	• Provides assessed and predicted grades for students across the school • A user with relevant permission can drill-down through the charts to the underlying data

Inbuilt Analytics (Non Power BI)

| Feature	What it does	Benefits
BI Integration	Use OData feed from Analytics VX within Power BI to create Power BI dashboards	• Create bespoke Power BI visualisations and dashboards using the data help in Analytics VX • Use together with the Power BI Viewer to view your bespoke Power BI dashboards within school Analytics VX
Power BI Viewer	Use OData feed from Analytics VX within Power BI to create Power BI dashboards	• Allows the school to view Power BI dashboards from within Analytics VX and behind secure authentication, so no insecure publishing of public URLs • A user can securely access Power BI visuals using their Analytics VX account

Forthcoming Feature

Bromcom Live Assessment Benchmarking

- **Bromcom** – 'Live' Data and continually updated as the schools update their own assessment with sub-group reporting. Comparisons for a wide range of data points with instant availability once results are entered. Interactive dashboards that can drill right down to the associated pupils and results.

- **SISRA** – Allowing data collaboration across the secondary phase with sub-group reporting.

- **Arbor** – Static reporting based on National published data with sub-group reporting.

- **SIMS** – Static comparison report based on National published data. Limited to 3 groups (All, Male, Female).

- **FFT** – Data collected by submission and calculated annually in Autumn across all age groups.

Key benefits of Live Assessment Benchmarking for your school

Identify strengths and challenges	Focus in on the detail	Instant analysis
Benchmark against similar schools, others in your locality and compare with your own results	Filter pupils and results to identify the progress of key pastoral groups	Assessment Data is aggregated as soon as it is entered so there's no need to wait for National statistics to be compiled

Compare key groups	Drill down to the individual	Configure your Benchmark
View comparisons for a wide range of pupil cohorts including Disadvantaged, SEN and Previous Attainment groups	Identify anomalies at top level then drill right down to individual children to examine their results	Choose the appropriate Benchmark for your school to ensure that comparisons are fair and relevant
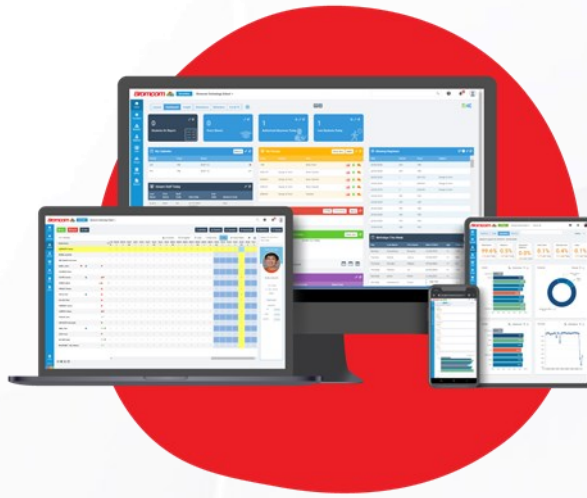
Request a demo

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Bromcom MIS Analytics VX

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