

MediaPulse Technology

The Right Technology for Your Resource Management Software

MediaPulse is a robust platform designed for both small and large sites, providing consistency and efficiency throughout all applications. Users can quickly advance to power users by becoming an expert in MediaPulse applications.

The key is Xytech's unique development framework based on the best UI development tools. Our developers create a document which is set of fields and their business rules. Without any further programming the following functionality happens within the framework. Data security, Multi-language, multi-time zone, robust APIs, robust searching and editing, charting, customizable layouts for web/mobile, row leasing, logging of all field changes and integrated report writer and layout editor.

The layout editor is a Xytech created tool which allows full modification of all document layouts in MediaPulse without programming. In minutes sites may copy and modify layouts adding new custom fields, removing fields, and rearranging tabs as desired. With managed services, Xytech can automate this process.

Benefits and Features

- Layout Editor to change all layouts
- Report Writer to change all reports
- Internationalized to any language
- Multi time zone and currency
- API Rest & WSDL on all data
- Sophisticated browser / server caching
- Data event triggers
- Create charts and gauges for any data in seconds
- Scheduled reports
- Role based security
- Open ID, windows and DB logins
- Alerts recurring and instant
- Site create custom fields for layouts
- Leasing locks data once a change is made for data integrity
- Record of any changes including user, date, time, old/new value
- Multiple app and web servers with load balancing maximizing uptime
- Outlook calendar / email integration
- Divisions option allows multiple business units to share data

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Security

MediaPulse security is based on data oppose to programming, to protect all data the system assumes the user has no access. The role-based security controls access via the Web, Smart Client, reports and APIs. View, add, change and delete security may be given to tables or fields within the document. Security may be applied by customer and vendor as well.

Performance

MediaPulse implements sophisticated caching on both the client and app server to significantly increase performance. Layouts and drop downs are cached locally and at the app server to minimize network and database traffic. Flex technologies limits data retrieval based on layout fields. Virtual scrolling allows fast scrolling for lots of data.

Divisions

Divisions are designed for organizations to arrange data for multiple departments or companies in one database. Users are given security to access one or more divisions. Reports and charts may combine data from multiple divisions.

Event Triggers

Sites may add event triggers on any document. For example, when a row is added or field changed, an event is added to a message queue. That event can trigger pre-configured workflows to email users or even add rows in other documents. Sites or Xytech may create custom workflows based on event triggers.

Custom Fields

Document customizations allow sites to create custom fields or modify properties of existing fields on any document. In less than a minute and without programming a new field can be added with dropdown values and added to a layout. There are 20 types of custom fields including calculated fields and images. Existing dropdowns such as account reps can be added to other documents. Sophisticated masking ensures accuracy of data entered. Custom fields may even be used as search criteria.

About Xytech

The world's best media companies have depended on Xytech to run their businesses. MediaPulse is the only end-to-end solution for the complete content lifecycle. It provides scheduling, automation, asset management, billing, and cost recovery for broadcasters, media services companies, and transmission facilities in a scalable platform-independent solution.