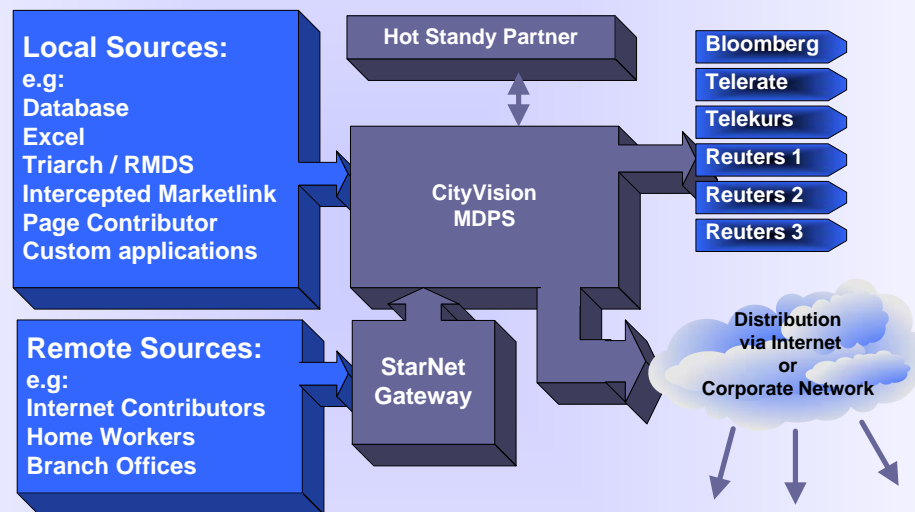


CityVision MDPS

Multiple Destination Publishing System

MDPS makes simultaneous publishing to many destinations simple.

- Real-time routing from many sources to many destinations, including vendors
- 24*7 operation, 99.99% reliability with zero down-time re-configuration
- Increase accuracy, control and timeliness of contributions
- Fast, efficient and reliable, dual site operation and automatic fail-over
- Dynamic chaining, page building, record mapping and symbology translation
- Independent handling of all protocols to all destinations
- Full load-balancing over multiple output channels
- Comprehensive authentication and entitlements for contribution and distribution
- Windows based GUIs for manual contribution, control and operational visibility



CityVision MDPS enables you to **send data to multiple destinations**, including data vendors such as Reuters, Bloomberg, Telekurs, Telerate or any other destination.

Information is sent simultaneously but independently for each destination, from a single input if required. This can save on data entry time, administration and **eliminate the possibility of transcription discrepancies** often caused by multiple data entry into different systems.

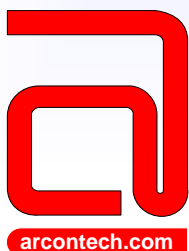
MDPS can receive data for output from **many sources** so it can be integrated easily with or replace your existing systems. **Maximise automation** and minimise manual intervention, allowing redeployment of staff whilst improving the quality of your distributed data.

All destinations are handled independently in the required protocol, e.g. Marketlink for Reuters, R4/ESIP for Telerate, MPF for Bloomberg, so a problem or backlog on one channel will not degrade the performance of others.

MDPS handles pages and record based (logical) data. Crucially, it understands different formats and how to **translate and rename** between formats. It can **build complex page sequences from chains**, updating them automatically and rebuilding when the underlying data changes - for example when options 'roll-over'.

MDPS supports multiple servers with many outputs to each destination, supporting increased capacity, load balancing, added resilience, alternative routing and data prioritisation. Hot-standby and load balancing between remotely located servers, coupled with on-line configuration means that, unlike other systems you can truly expect **non-stop operation**.

Naturally, MDPS interoperates seamlessly with other CityVision components including StarNet. Thus you can integrate WANS, LANs and the Internet to form a **global contributions and distribution infrastructure**, with full control over user access and the data that users can input to and receive from the system.



Multiple Destination Publishing System

Overview of Features and Benefits

Feature	Benefit
For the user and operator	
Page building, record mapping, symbology translation and routing	Data sent with correct identifiers and field names for each destination
Page Templates, with different layouts for each format.	Build many pages from the same source records, with optimised presentation for each Vendor format
Build page sets from record chains	Fast page set up with dynamic re-mapping when the chain changes
User friendly GUIs with comprehensive on-line help for control and operational visibility.	Advanced features with small learning curve and low training requirements.
Send straight from Excel	Increased efficiency from use of familiar user interfaces
Simple applications for manual contribution	Augment or replace troublesome Vendor applications
Manual data entered once only	Save time, reduce errors
Technical	
Support for pages, records and chains, with automatic real-time translation between formats	Provide data of the type preferred by your end-users, regardless of the original source
Many vendor protocols, e.g Bloomberg MPF, Reuter Marketlink, Telerate R4/ESIP, Teletext	Send in the preferred protocol for your chosen destination, to optimise presentation for each service
Page sizes, formats, Vendor protocols, outputs and inputs all 'soft' configured	Easily change data sources, add lines, change Vendor protocols etc
Drive many outputs from a single input	Full automation. Increase accuracy, control and timeliness of contributions
Integrate with databases, market data platforms	Fan-out existing single-destination contributions to multiple vendors
Transparent intercept of contributions from other systems e.g. Marketlink from systems such as Reuter DCS	No knock-on effects of problems with any destination
Independent handling of all protocols to all destinations	Increase output bandwidth
Multiple output channels to each destination	Send only changed data for maximum efficiency
Optimisation of data to each destination	Ensure all available bandwidth is used
Full load-balancing over all available channels	Easy integration with existing systems
API for 3rd party interfacing	
Support and Administration	
Fast, efficient and reliable, with on-line configuration	Minimal delays and system down-time. Instant configuration changes. No need for system restart
Full status reporting	Know what's going on
Comprehensive authentication and entitlements	Control use of data within and outside your firm.
Built-in resilience and redundancy with automatic fail-over to hot-standby server	No single point of failure. 24*7 operation. System continues whilst equipment is serviced or fixed
Locate servers in different buildings with load balancing between servers	Supports live interaction with back-up site, saving costs, reducing risks and speeding recovery in disaster scenario
Full 'off-the-shelf' product	Simple installation, rapid deployment, low risk

Arcotech Limited
 8th Floor, Finsbury Tower
 103-105 Bunhill Row
 London EC1Y 8LZ

T: +44 (0) 20 7256 2300
 F: +44 (0) 20 7256 2301
 E: sales@arcotech.com
 W: www.arcotech.com

CityVision StarNet

