



New Zealand

GS1net

Certified Supplier Middleware

The global language of business

www.gs1.org



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Recap – GS1net Data Upload Methods

Below are the supported ways of getting your data into GS1net

- Web (GUI) – (only available for catalogues < 10 GTIN)
- Browser Template (BT) - formatted spreadsheet
- Direct Integration
 - Data Delimited File (DDF)
 - XML message set
- **Middleware**





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What is Middleware?

1. Middleware is the term used for an IT tool that manages the flow of information/data between IT systems both internally and externally of your business.
2. Traditionally Middleware has focused on internal applications, but with the growth in Business to Business (B2B) requirements the tools now also focus on B2B integration.
3. Business to Business Integration (B2Bi) is now also a common term used to describe Middleware tools that focus on B2B functionality.





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Common Certified GS1net Middleware Functionality

1. **Intermediate Data Repository** – Essentially a database for your product/ GS1net data. Also allows for the creation and management of such data in one central place.
2. **Data Generation** – The management of system generated data (i.e. action codes) and ability to add data elements directly into the middleware
3. **Data Validation** – Provides validation of your data to GS1net standards prior to sending to GS1net
4. **GS1net Connectivity** – The ability to send data to GS1net from the Middleware either manually or automatically as part of a defined work flow.
5. **Data Integration** – Provides tools to allow data to be inserted into the middleware from other internal systems e.g. ERP system
6. **Full Workflow Management** – Ability to configure and manage a process flow incorporating GS1net and other appropriate processes





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Key Middleware Benefits

- **GS1net Connectivity**
 - Provides out of the box functionality to allow connectivity to GS1net
- **Improved Data Integrity**
 - Validation
 - Automated data generation
 - Enforces practices and provides functionality to ensure data integrity
- **Automation**
 - Minimise manual processes
 - Minimise data re-keying
 - Provides a basis for 'full' automation through integration and workflow management





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What GS1 net Middleware Is Available?

Insynch

- Owned by Leadtec in Aus (<http://www.leadtec.com.au/>)
- Distributed and supported in NZ by Very Impressive Software in Wellington
- Peter Chung, + 64 4 473 6515 peterc@ofs.co.nz

Bizcaps

- Owned by BizCaps in Aus (<http://www.bizcaps.com/>)
- Distributed and supported in NZ by: EDIS Technologies Limited
- *Edis*: Chandrakant D Patel, +64 9 271 0316, chandra.patel@edistechnologies.com

Innovit

- Owned by Innovit in Aus (<http://www.innovit.com/>)
- Distributed and supported in NZ by The ECN Group
- *ECN Group*: Michelle Newsome +64 9 912 2200, michelle.newsome@ecngroup.co.nz

For pricing information please contact the software vendor directly





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For More Information

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