

GS1 NZ Conference
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Collaborative E-Business in the Hardware Industry

HIWG and NZRSG

Peter Jameson
CIO, Redeal
NZRSG Member



Hardware Industry Working Group (HIWG)
New Zealand Regional Sector Group (NZRSG)

Main Points

- Who is Redeal?
- What is HIWG?
- Who participates?
- What has been done?
- What is planned?



Who is Redeal?

- Largest Electrical Wholesaler in NZ
- Owned by Rexel
- Main trading divisions
 - Ideal Electrical
 - Rexel
- Central warehousing and distribution functions
- Import and Distribution business - Impel



What is the HIWG?

- **HIWG = Hardware Industry Working Group**
- A self-managed, self-funded, independent industry group
- Members from broad hardware industry
 - Retailers, suppliers, wholesalers/distributors
 - Some are commercially competitive
 - Only industry organisations are members (no service providers)
- Work together to enable supply chain improvements
 - Developing industry agreed B2B e-commerce guidelines
- Aim to provide consistent but flexible options based on global standards (wherever possible)



HIWG Goals and Mission

- Aims to lower implementation costs for the industry
- All outcomes freely available from HIWG website www.hiwg.org.au
- Provides a forum in which organisations in the hardware industry can work together to achieve supply chain best practice
- ***The mission of the HIWG is to maximize value from e-trading between Hardware Industry partners across ANZ through the use of industry agreed standards.***



What is the structure of the HIWG?

- HIWG Steering Group
 - Subgroups for technical (TDG), SMEs (SME)
- HIWG Sector Groups set up as required (each is self-funded)
- Past groups
 - Electrical (EIEG), Plumbing (PIECUG), Greenlife (GIEG)
- Current active groups
 - Timber and building supplies (TIEG)
 - Residential builders (BIEG)
 - **NZ regional sector group (NZRSG)**



HIWG Members for 2007

Boral Limited*	Hyne Timber (TIEG Chair)	Master Plumbers' Association	Porter Davis Homes (BIEG Chair)
Carter Holt Harvey (CHH)	ITM NZ (NZRSG Chair)	Natbuild	Robert Bosch
Fletcher Building NZ	James Hardie Asia/Pacific	Nylex Consumer Products	SPL Group (ITW Proline & FH Prager)
GWA International* (incl. Caroma, Dorf, Dux, etc.)	Mitre 10 Australia	Orica Consumer Products (OCP)	E-Business Facilitator: Cathy Thawley (HIWG Chair)



NZRSG Members for 2007

Carter Holt Harvey NZ	General Cable NZ	Nylex NZ	Redeal
Clearlite	ITM NZ (NZRSG Chair)	Orica Consumer Products (OCP)	Schneider Electric
Crane Distribution NZ	Laminex Group	PlaceMakers	Wattyl NZ (NZRSG Deputy Chair)
Firth Industries	Mitre 10 NZ	Plumbing World	Facilitator: Cathy Thawley Local Coordinator: Barry Dowdeswell



HIWG Community

- Groups meet and work on issues relevant to them
- Sector Group Chairs are elected (bi-)annually so all members have the opportunity to lead
- Chairs represent their sector group on the HIWG for knowledge sharing between the groups
- All meetings are open and others in the industry are welcome to attend any meeting as an observer
- All finalised documents are made available for free to the industry via the website



What has the HIWG achieved?

- Working together with common goals!
- Development and publication of industry agreed B2B guidelines
 - Range of document types and format options
- Completed successful implementations which are now in production
- Development of HIWG website
 - free access and downloads
- Publication of supporting documents
 - White papers (educational)
 - Recommendation papers



Why are B2B Guidelines important?

- Forces the industry to define terms
- Provides a common understanding within the industry of WHAT will be used and HOW it is defined
- Each implementation can then become easier
- Ability to create automation and validation
- HIWG guidelines are based on global standards
 - UN/EDIFACT, GS1 EANCOM for EDI messages
 - GS1 system for numbering and bar coding



HIWG E-Message Formats (1)

Currently available:

- HIWG UN/EDIFACT (EDI) MIGs (x8)
(these are the HIWG “master” specifications)
 - Price Catalogue (PRICAT)
 - Inventory Report
 - Purchase Order
 - Purchase Order Response
 - Despatch Advice
 - Invoice
 - Remittance Advice
 - Control (Functional Acknowledgement)

EDI = Electronic Data Interchange

MIGs = Message Implementation Guidelines



HIWG E-Message Formats (2)

Currently available:

- HIWG Flat File specifications (x4)
(these are based on the EDI MIGs)
 - Price Catalogue, PO, INV, Remittance Advice
- HIWG FFXML schemas (x2)
(these are based on the HIWG Flat File specifications)
 - PO, INV

Under development:

- HIWG Flat File specification for PO Response
(will form the basis for the HIWG FFXML POR schema)
- HIWG Fax Templates (x2)
 - PO, INV



What is the HIWG currently doing?

- More development work
- Expanding their implementations (using the HIWG guidelines)
- Resolving implementation issues (eg. UOMs)
- Refining the existing guidelines
- Knowledge sharing
- Promoting the HIWG guidelines
- Exploring other opportunities of working closer together as an industry
- Reviewing and assessing global trends



What is the NZRSG currently doing?

- Preparing for implementations (getting their key B2B requirements in place)
- Implementing the HIWG guidelines (if ready)
- Resolving implementation issues
- Providing input to the HIWG technical group regarding NZ requirements for incorporation into the guidelines
- Driving the development of the HIWG FFXML schemas
- Promoting the HIWG guidelines in NZ (eg. B2B Awareness Session on 24 May, see website for presentations)
- Providing free training sessions to the industry



NZRSRG and GS1 NZ

Working together:

- B2B Awareness Session in May was hosted jointly by NZRSRG and GS1 NZ
- Joint Training Sessions: GS1 Numbering and Bar Coding and HIWG Flat File Pricat
- Numbering and Bar Coding Guidelines for the Hardware Industry developed in Australia (available from the website) is currently being updated for ANZ
- Education and promotion of GS1 GLNs (Global Location Numbers) for e-messaging



Where to Start?

- Internal – you can do this right now!
 - Education of staff (attend NZRSG and GS1 training sessions)
 - Product identification essential (using GS1 numbering and bar coding if required)
 - Need to ensure that you capture key data requirements for e-messaging (review HIWG specifications)
 - Critical that data is accurate and has integrity (allocate responsibility for this), including UOMs
- External
 - Start by communicating with your key trading partners to understand their B2B vision, requirements and constraints



HIWG Website

www.hiwg.org.au

- Use the website!
- Leverage off what others in the industry have already done
- HIWG B2B e-messaging guidelines and other documents available for download
- Includes area for NZ, www.hiwg.org.nz
- See Current Activities
 - Next: EDI Training Session, 29 August



HIWG
links

www.hiwg.org.nz

Register Login

Hardware Industry Working Group

August 1, 2007

Home | HIWG | Greenlife | Plumbing | Building | Timber | Electrical | **New Zealand**

Search

QUICK LINKS

- Calendar
- Downloads
- FAQs
- HIWG Contact
- Training

NEW ZEALAND REGIONAL SECTOR GROUP (NZRSG)

The NZRSG mission is:

- (1) To develop and promote industry-agreed e-trading recommendations that will add value and address impediments in the broad Hardware Industry in New Zealand; and
- (2) To ensure that all HIWG guidelines and recommendations that are developed meet the requirements of the broad Hardware Industry in New Zealand.

The overall aim is to drive the hardware industry in New Zealand forward with B2B e-commerce using a standardised and industry-agreed approach, leveraging work being done by the HIWG in Australia (and not reinventing the wheel) – thereby cutting costs out of the overall supply chain.

There are currently 15 members of the NZ Regional Sector Group of the HIWG.

- The current Chair of the NZRSG is Andrew Ryan-Kidd (ITM).
- The current Deputy Chair of the NZRSG is Nigel Sayers (Wattyl NZ).
- The current HIWG TDG representative of the NZRSG is Robin Watts (Laminex).

NZRSG MEMBERS

Member Organisation	Primary Contact
Carter Holt Harvey NZ	Pat O'Connell
Clearlite	Gene Sanford
Crane Distribution NZ	Richard Olds

New
Zealand
tab



Hardware Industry Working Group (HIWG)
www.hiwg.org.au; www.hiwg.org.nz

Thank You

- Questions?

