Paper-Like Quality, Easy Installation

The high-frequency (HF) electronic shelf labels (ESLs) of our partner, SES-Imagotag, feature simple installation and surprising flexibility. Using 2.4 GHz radio technology, only a few access points are needed to securely update all the labels in a store — and in some cases, just one access point will suffice. A large choice of fastenings ensures labels can be fitted even to unusual shelf designs. The ePaper display offers a quality similar to real paper, enabling consumers to enjoy optimal readability at all times. The fast transmission rate of HF ESLs means you can drive efficiency across your store network.

Seven formats are available
- Vusion 1.6: for cosmetics and spices
- Vusion 2.2, 2.6: standard formats
- Vusion 4.2: larger ESLs, e.g. to display fruit and vegetable prices
- Vusion 7.4, 12.2: largest format for gondola heads or beverage stores
- Vusion 2.6F: frost label for use below 0° C
- Other formats available on request

Paper-like readability
The labels feature a thin, flexible layer filled with electronic ink (e-ink) similar to widely known, popular e-book readers. This technology offers optimal readability from all angles.

- Prices and text are displayed clearly
- Even the "fine print" is easy to read
- Nearly all fonts and font sizes, graphics, logos, barcodes and QR codes can be displayed

HF: Secure and fast
Wireless, encrypted data transmission via a 2.4 GHz access point enables 7,000 price changes per hour and response times of less than 15 seconds. Communication is naturally bidirectional, with the ESLs confirming receipt of data and transmitting back their battery levels and other technical information.

DieboldNixdorf.com

HF IS EXTREMELY ROBUST
The ESL signal is transmitted on a very narrow channel that is located exactly between the standard WiFi frequencies so as to avoid interference and enable a wider reach.

MERCHANDISE MANAGEMENT AT THE SHELF
Up to 12 freely configurable display pages are available to show data from the background system. Fast page changes (1-2 seconds) are possible via handheld devices or through a controllable timer.

MULTIPLE TEMPLATES
Different promotions require their own label layouts. With HF tags, any number of different designs can be implemented in the same store.

LOW POWER CONSUMPTION
The batteries and labels have a service life of well over five years. After this time, they can be replaced by simply exchanging the holder in the battery compartment. After a few seconds the labels are ready to be used again without the need to relink them.

INCREASING THE EFFICIENCY OF PROMOTIONS
In addition to black and white, the labels can also display either red or yellow color. Ideal to point out actions or assortments. In combination with further display effects such as inverse presentation, ESLs become genuine marketing aids that promote the products whose price they display.

WIDE RANGE OF FASTENINGS
A large number of rails and individual adapters are available for fastening. The ESLs are held safely in place and can be removed by employees without the need for special tools. On request, the patented EasyLock anti-theft device provides additional protection, with removal by a magnet. All HF labels are available in white or anthracite and thus adapt well to the establishment of the market.

BUILT-IN PRODUCT FINDER
All labels can be optionally equipped with an RGB LED that can light up in 7 different colors and different flashing patterns. Thus customers or employees can be guided to the right product. Efficient Click & Collect, inventory control or references to soon emptying shelf space for employees and the search for allergen-free products for customers, for example, are thus easy to implement.

NFC Brings Worlds Together

With the optional NFC capability, the ESLs can communicate wirelessly with the smartphones of your customers or employees. Whether customer-specific prices, electronic coupons, additional product information or mobile shopping — a quick tap is all that is needed.

Your customers do not even have to install a special app: The integrated NFC redirection service sends them a special Internet address (URL) that is called up directly in their browsers and displays the desired information.

Explore the wide range of benefits your store could experience with HF ESLs. Contact your Diebold Nixdorf representative today.

Jeegy-Software

The modern, modular JEEGY software platform is the heart of the solution. It can be installed either at a retailer's headquarters or directly in-store and runs on computers with Windows or Linux operating systems. A modern HTML5-based interface is available via an Internet browser.

Transmission operation and data imports from the merchandise management system can be monitored and controlled centrally for all stores. Reports and statistics show you how much manual work the ESL system saves you every day. Connections to central monitoring solutions and the JEEGY Cloud module even make it possible to easily control the entire store network.

JEEGY LINK
Use your existing handheld terminal. JEEGY supports a wide range of mobile devices running on iOS, Android or Windows Mobile. Link your ESLs directly at the shelf, choose different layouts and change or add information as needed. Both WiFi-capable devices and offline terminals that are read out via a docking station are supported.

GEOLOCALIZATION/OMNICHANNEL SUPPORT
You can also enter the electronic shelf labels' location when you link them. JEEGY S will then show you a visual representation of each shelf together with the products and their prices. Products that are on sale or only available in limited amounts are highlighted in the graphic to make them easy to spot. Use the information you have entered for your planogram management, commissioning (click & collect) or navigation inside the store.

JEEGY STUDIO
The optional development tool, JEEGY Studio, and its graphic designer enable you to quickly and flexibly adapt layouts and templates to your needs.

Service Options

Tailored services enable efficient deployment of solutions and the highest possible system availability and security based on the Diebold Nixdorf AllConnect Services[SM] Platform:

- Global Deployment and Implementation Services: installation and integration into existing environments
- Maintenance Services: fast Recovery and Security Services
- Managed Services: Store Lifecycle Management, Transformational Outsourcing and Consulting Services

Technical Data

Model	Vusion 1.6	Vusion 2.2	Vusion 2.6	Vusion 2.6 F	Vusion 4.2	Vusion 7.4	Vusion 12.2
HxWxD	48.0 × 36.6 × 11.4 mm / 1.9 x 1.4 x 0.6 inches	67.9 × 36.7 × 11.4 mm / 2.7 x 1.4 x 0.5 inches	80.0 × 41.1 × 11.4 mm / 3.1 x 1.6 x 0.4 inches	80.0 × 41.1 × 11.4 mm / 3.1 x 1.6 x 0.4 inches	104.5 × 82.5 × 12.2 mm / 4.1 x 3.2 x 0.5 inches	175.3 × 123.4 × 13.2 mm / 6.9 x 4.9 x 0.5 inches	218.3 x 265.8 x 15.9 mm / 8.6 x 10.5 x 0.6 inches
Display HxW	27.5 x 27.5 mm / 1.1 x 1.1 inches	48.6 x 23.8 mm / 1.9 x 0.9 inches	60.1 x 30.7 mm / 2.8 x 1.2 inches	60.1 x 30.7 mm / 2.8 x 1.2 inches	84.8 x 63.6 mm / 3.3 x 2.5 inches	161.6 x 97 mm / 6.4 x 3.8 inches	190.08 x 237.6 mm / 7.5 x 9.4 inches
Diagonal	38.9 mm / 1.5 inches	54.1 mm / 2.1 inches	67.5 mm / 2.7 inches	67.5 mm / 2.7 inches	106 mm / 4.2 inches	188.5 mm / 7.4 inches	304.3 mm / 12 inches
Display Area	7.56 cm²	11.57 cm²	18.45 cm²	18.45 cm²	53.93 cm²	156.75 cm²	451.63 cm²
Display Technology	e-Ink	e-Ink	e-Ink	e-Ink	e-Ink	e-Ink	e-Ink
Pixels	152 x 152	212 x 104	296 x 152	296 x 152	400 x 300	800 x 480	768 x 960
DPI	140	111	125	125	120	126	103
Levels	4	4	4	4	4	4	6
Color	B/W/R or B/W/G	B/W/R or B/W/G	B/W/R or B/W/G	B/W	B/W/R or B/W/G	B/W/R or B/W/G	B/W/R or B/W/G
LED-Option	Yes	Yes	Yes	Yes	Yes	Yes	No
Case Color	White / anthracite	White / anthracite	White / anthracite	Anthracite	White / anthracite	White / anthracite	White
NFC-Option	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fastening	Direct or Easylock	Direct or Easylock	Direct or Easylock	Direct or Easylock	Direct or Easylock	Direct	Direct
Battery Life	5 yrs/1 update	5 yrs/2 updates	5 yrs/2 updates	3 yrs / 1 update	5 yrs/2 updates	5 yrs/2 updates	5 yrs/1 update
Battery Type	1 x CR2450	2 x CR2450	2 x CR2450	2 x CR2450	3 x CR2450	4 x CR2450	6 x CR2450
Operating Temperature	3-color 10 °C to 40 °C B/W 5 °C to 40 °C 3-color 50 °F to 104 °F B/W 41 °F to 104 °F	3-color 10 °C to 40 °C B/W 5 °C to 40 °C 3-color 50 °F to 104 °F B/W 41 °F to 104 °F	3-color 10 °C to 40 °C B/W 5 °C to 40 °C 3-color 50 °F to 104 °F B/W 41 °F to 104 °F	-25°C to 30°C -13°F to 86°F	3-color 10 °C to 40 °C B/W 5 °C to 40 °C 3-color 50 °F to 104 °F B/W 41 °F to 104 °F	3-color 10 °C to 40 °C B/W 5 °C to 40 °C 3-color 50 °F to 104 °F B/W 41 °F to 104 °F	3-color 10 °C to 40 °C B/W 5 °C to 40 °C 3-color 50 °F to 104 °F B/W 41 °F to 104 °F
Speed (price changes/hour)	7,500	8,500	4,500	6,500	2,000	600	300
Transmission	2.4GHz, AES-128	2.4GHz, AES-128	2.4GHz, AES-128	2.4GHz, AES-128	2.4GHz, AES-128	2.4GHz, AES-128	2.4GHz, AES-128
Package size	100	100	80	80	60	40	5

To learn more, **visit DieboldNixdorf.com.**

Diebold Nixdorf