

## Korean Language & Localization Pack for Microsoft Dynamics™ NAV

### Korean Language, Localization Pack and Certification Service for Microsoft Dynamics™ NAV

Tectura, is the world's leading Microsoft Dynamics™ partner with 60+ offices throughout 20 countries across North America, Europe, the Middle East and Asia Pacific. Tectura has developed and made available double byte Microsoft Dynamics™ NAV and Microsoft Dynamics™ AX language and localization solutions for China, Hong Kong, Indonesia, Japan, Korea, Taiwan and Vietnam.

As different countries have different accounting and business practices that an ERP system must comply with, this document will focus on our Korean solution for companies doing business and using Microsoft Dynamics NAV in Korea.

and growth. Microsoft Dynamics NAV, the number one mid-market solution in Europe is the natural choice to help your business remain competitive and achieve significant and consistent growth in Korea. With the language and localization pack developed by Tectura, your business can leverage a proven ERP product with over 127,000 satisfied customers worldwide.

One significant requirement to use Microsoft Dynamics NAV, or any other ERP system, for your business in Korea is the ability for the system to cater to local business requirements. Another consideration that needs to be accounted for is that the resource base in Korea can primarily read and speak the Korean language only. With these important requirements in mind, Tectura has prepared the Microsoft Dynamics NAV product to work seamlessly within the your organization in Korea by providing a single solution that can be separate into three parts :

- Korean Language Pack
- Korean Localization Module
- Korean Payroll Module

Each of these parts that make up the total solution for using Microsoft Dynamics NAV in the Korean market will be discussed in detail in the next section.

## Microsoft Dynamics™ NAV Solution for Korea

### *Using Microsoft Dynamics NAV for your business in Korea*

Korea has been struggling to overcome the current economic difficulties by restructuring and revamping institutions, customs, practices, and ideas. The government's policy principles are openness, liberalization, market economy, and democracy. In almost all areas, foreign investment has been allowed and relevant legislation has been introduced or amended to remove legal barriers to foreign investment. Korean economy is much stronger than before, as it now operates in a more transparent manner and adheres to many international standards. While these operations vary in scale, most of these businesses are part of the Middle Market Enterprises segment (MME). The majority of these companies realize the necessity of using an ERP system to maximize its efficiencies and integrating its various operations to achieve greater competitiveness

## Korean Language Pack

### *Double Byte Language System*

The characters, or alphabets in English terms, for the Korean language is represented by two bytes in the computer, unlike normal English or other European languages, where each character is represented by a single byte.

### *The Korean Language*

The Korean language character set is called Hangul. Most companies in Korea primarily use Korean, but some

companies will also use English. Microsoft Dynamics NAV supports both Korean and English languages. Figure 1 and 2 illustrates the ability in Microsoft to display Korean in both English and Korean for the exact same screen, depending on the user preference.

**Hangul Language Pack for Microsoft Dynamics NAV**

Tectura has translated Microsoft Dynamics NAV software from English to Korean (Hangul). This includes :

- Menus
- Forms
- Reports
- Database

**Korea Localization Pack**

**Localization Pack**

The Korea localization pack developed by Tectura delivers an instant solution in operating the Microsoft Dynamics NAV ERP system for your business anywhere in Korea while meeting the local government requirements. The Tectura Microsoft Dynamics NAV Localization Pack includes the following :

- More than 10 financial and transactional reports in Korean
- Printing Tax Invoice for Customer
- Korea VAT TAX processing & reporting
- Total Tax Invoice by Customer and Vendor
- Total Receipt by Vendor
- Consolidated Sales Invoice
- Consolidated Purchase Invoice
- User security roles and responsibility setup and documentation
- Accounting period closing lockout function
- Transaction audit logging
- Foreign currency processing including the capture of historical rates for each transaction
- Payroll System
- Promissory Note

**Korea Payroll Module**

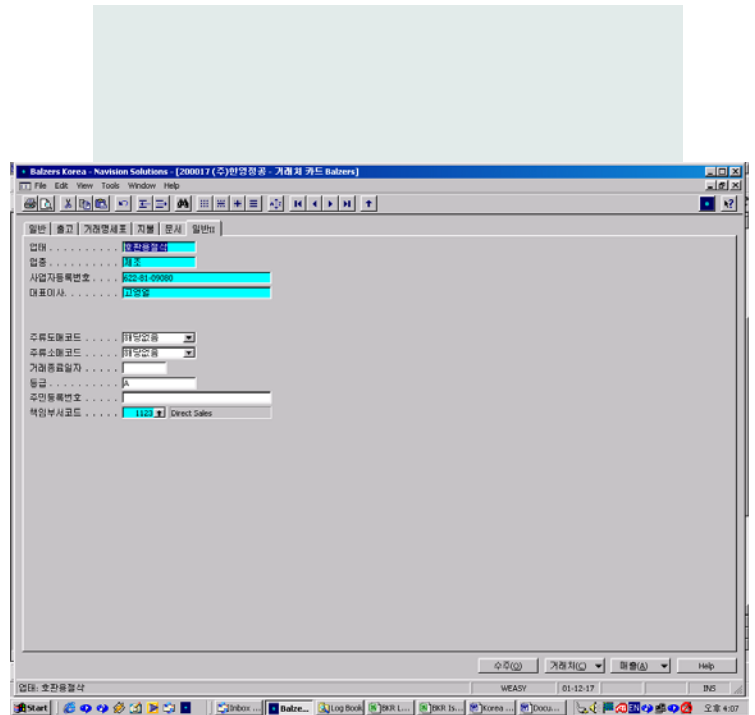


Figure 1: Microsoft Dynamics NAV Customer Card in Korean

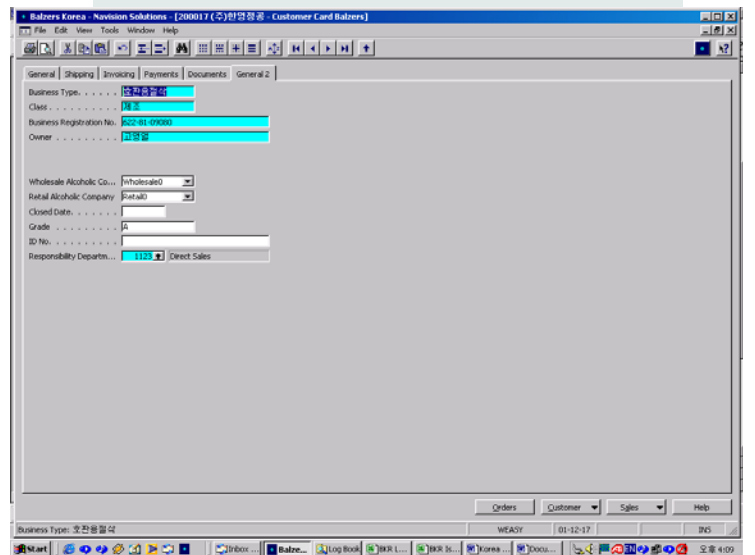


Figure 2: Microsoft Dynamics NAV Customer Card in English

introduced payroll functionality specially catered for the Korean payroll system for Microsoft Dynamics NAV users in Korea. Payroll functions are usually adopted as part of the localized requirement by country because the payroll requirements, compensation processing, retirement planning are different from country to country.

The payroll module developed by Tectura for Korea is totally integrated with the other modules of Microsoft Dynamics NAV. It serves as an extension to the Microsoft Dynamics NAV Human Resource module and also integrates with Microsoft Dynamics NAV's financial functions (G/L,A/P). Below is a chart that compare the extended functionalities of the Payroll module compared with the Human Resource module.

| Functions   | Microsoft HR Package | Tectura Payroll Package |
|---|----------------------|-------------------------|
| <b>Employee Record Keeping</b>                            |                      |                         |
| Personal Information                                      |                      |                         |
| Contact Information                                       | √                    |                         |
| Dependents / Relatives                                    | √                    |                         |
| Job Position  | √                    |                         |
| Qualification   | √                    |                         |
| Employment Status   | √                    |                         |
| <b>Absence Management</b>                                 |                      |                         |
| Absence Reason Code                                       | √                    |                         |
| Absence Registration                                      | √                    |                         |
| Absence Overview (by employee, by reason, by period. Etc) | √                    |                         |
| <b>Perks Administration</b>                               |                      |                         |
| Perks Structure   | √                    |                         |
| Miscellaneous Articles                                    | √                    |                         |
| <b>Salary Management</b>                                  |                      |                         |
| Allowance Deduction                                       |                      | √                       |
| Salary Accounting   |                      | √                       |
| Salary Adjustment   |                      | √                       |
| Salary Schedules  |                      | √                       |
| Salary Breakdown Report                                   |                      | √                       |
| Salary Account Transfer                                   |                      | √                       |
| Medical Insurance   |                      | √                       |
| National Pension  |                      | √                       |
| <b>Tax Management</b>                                     |                      |                         |
| Income Deduction Return                                   |                      | √                       |
| Annual Tax Adjustment and Revision                        |                      | √                       |
| Withholding Tax Receipt / Book                            |                      | √                       |
| Electronic Submission of Tax Adjustment                   |                      | √                       |

| Functions   | Microsoft HR Package | Tectura Payroll Package |
|---|----------------------|-------------------------|
| <b>Bonus Management</b>                           |                      |                         |
| Bonus Recipient Selection                         |                      | √                       |
| Bonus Accounting                                  |                      | √                       |
| Bonus Revision                                    |                      | √                       |
| Bonus Breakdown Report                            |                      | √                       |
| Bonus Schedule                                    |                      | √                       |
| Bonus Account Transfer                            |                      | √                       |
| <b>Retirement Benefit Management</b>              |                      |                         |
| Retirement Allowance Accounting / Details         |                      | √                       |
| Severance Pay Mid Adjustment                      |                      | √                       |
| Withholding Tax Receipt of Retirement Benefit     |                      | √                       |
| Withholding Tax Receipt of Mid Adjustment         |                      | √                       |
| Withholding Tax Book of Severance Pay             |                      | √                       |
| Retirement Benefits                               |                      | √                       |
| Total Retirement Benefit Sheet                    |                      | √                       |
| Electronic Submission of Retirement Adjustment    |                      |                         |
| <b>Reports</b>                                    |                      |                         |
| Employee—Absences by Causes                       | √                    |                         |
| Employee—Addresses                                | √                    |                         |
| Employee—Alt Addresses                            | √                    |                         |
| Employee—Birthdays                                | √                    |                         |
| Employee—Confidential Info                        | √                    |                         |
| Employee—Contracts                                | √                    |                         |
| Employee—Labels                                   | √                    |                         |
| Employee—List                                     | √                    |                         |
| Employee—Misc . Article Info                      | √                    |                         |
| Employee—Phone Numbers                            | √                    |                         |
| Employee—Qualifications                           | √                    |                         |
| Employee—Relatives                                | √                    |                         |
| Employee—Staff Absences                           | √                    |                         |
| Employee—Unions                                   | √                    |                         |
| Certificate of Withholding Grade                  |                      | √                       |
| Income Tax at Source                              |                      | √                       |
| Performance Report of Withholding at Source       |                      | √                       |
| Medical Insurance                                 |                      | √                       |
| Employment Insurance                              |                      | √                       |
| National Pension                                  |                      | √                       |
| Salary, Tax, Bonus and Retirement Benefit Related |                      | √                       |
| <b>Other Management</b>                           |                      |                         |
| Stock Option Management                           |                      | √                       |
| Receiving & Controlling Resume Management         |                      | √                       |

(available by January 2004)

### **Payroll**

As part of the localization module, Tectura Korea has

## **System Requirements**

### **Hardware Requirements**

There are no specific hardware requirements, as the language pack and localization pack can be installed in both the client and server machines.

### **Software Requirements**

The language and localization packs support the following Microsoft versions:

- Financials 2.6F
- Microsoft Dynamics NAV 3.01A
- Microsoft Dynamics NAV 3.01B
- Microsoft Dynamics NAV 3.10A
- Microsoft Dynamics NAV 3.60
- Microsoft Dynamics NAV 3.70
- Microsoft Dynamics NAV 4.0 (SP1 & SP2)

The language and localization packs support the following operation systems :

- Windows 98SE Korean Version
- Windows Me Korean Version
- Windows 2000 (All Versions)
- Windows XP (All Versions)

### **For More Information**

To learn more about Tectura Localization & Certification Pack for Microsoft Dynamics NAV, visit [www.tectura.com](http://www.tectura.com).



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