



**Total Nederland – Dealersite
Project**
Technical Manual

January, 2007

Table of Contents

1.	PROJECT DESCRIPTION.....	3
2.	SYSTEM FEATURES	3
3.	SYSTEM ACCESS.....	4
4.	SYSTEM DESIGN	4
4.1.	NET2CLIENT DATA MODEL	4
4.2.	NET2CLIENT TABLE STRUCTURE	6
4.3.	LISTS	13
5.	FILE STRUCTURE	14
6.	PROGRAMS STRUCTURE	16
7.	DEVELOPMENT & IMPLEMENTATION CONSIDERATIONS	19
8.	USER PROFILES	20

1. Project Description

Total Dealersite offers its clients the tools for a better communication between the dealers of the Netherlands' stations and also with its customers and providers. By the means of this website, the user can contact any department of the Total Nederland Company, read news, get information about prices and meetings, and other functionalities detailed explained below.

2. System Features

- **N2C version:** 4.3 / **WIB version:** 3.2.2
- **Platform versions:**
 - Linux 2.4.21-47.ELsmp #1
 - PHP 4.3.2
 - Apache 2.0.46
 - MySQL 3.23.58
 - Ioncub 3.1.21
 - Zend Engine 1.3.0
- **News Module:** This W13 Module uses the news items that are included in the back-office and shows them in the web site.
- **Poll Module:** It lets the site administrator to create poll questions and answers to be displayed on the web site, so that the users can vote.
- **Subscription & Login Module:** This W13 Module let users to subscribe and later be recognized by the system.
- **Marketing Actions (Acties) Module:** It displays animations, pictures, HTML and videos in the Home Page of the web site. It also shows an archive of all marketing actions.
- **Price Board:** It displays the prices of the five offered products by Total Nederland to the users that have logged into the system.
- **Mailings:** It provides an easy way of sending bulk mail from the different departments to all dealers. In the web site, the user can see all sent mails.
- **Contact:** This module manage all contact made by the web site. It has an internal control application in the back-office, where an authenticated user can see its contact mails. Also, it sends mails to the predefined email address of the user.
- **Total Agenda:** Monthly, it shows all the items that are important under a category, to be remembered on a specific date.

- **Dealerpanel Agenda:** This module shows all programmed meetings and offers the possibility to the user of submitting new meeting points, which will be sent by email to the meeting responsible.
- **Web Site Map:** This WI3 Module shows all web site pages to navigate.

3. System Access

To develop this system, the development and production environment was the same (net2client.hscg.net). To access use the following URLs, logins and passwords:

Backoffice Application:

<http://net2client.hscg.net/sis/index.htm?GWT108203>

User: Admin

Password: total1391

WIB Application:

<http://net2client.hscg.net/sis/index.htm?GWT108103>

User: total

Password: total1391

4. System Design

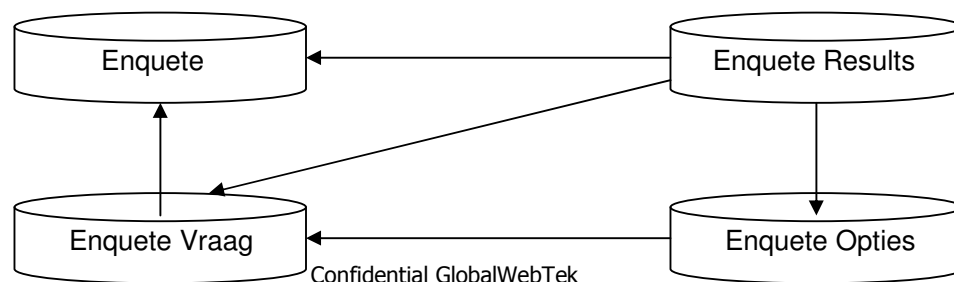
The following section gives a detailed specification of the Data Model and Table Structures used to develop the Total Nederlands Dealersite.

4.1. Net2Client Data Model

News Module: This WI3 Module uses the WIB Table AR2 that contains the site Pages, to redirect the news Detail Page.



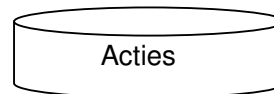
Poll Module: It has a basic schema where an answer option, residing in Opties, references to a question (Vraag), which belongs to a Poll Item (Enquete). Then, each vote is kept in the Enquete Results table in order to display results of the associated poll.



Subscription & Login Module: This W13 Module uses the Dealers table to subscribe and authenticate users in the web site and the Gebruikers table is used to authenticate the same in the back-office.



Marketing Actions (Acties) Module: It manages publishing and expiration dates in order to know which file goes in the Home Page.



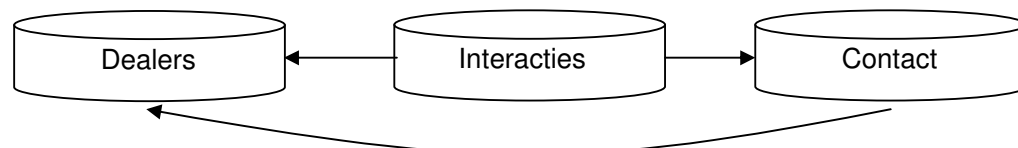
Price Board: In the Prices Table, the prices of the five offered products by Total Nederland are kept, showing in the Price Board the record with the latest date. Also, in this board, publicity banners are displayed. These are kept in the Banners table, and have no relation to the Prices table, so that a price change does not mean a change in the banners and vice versa.



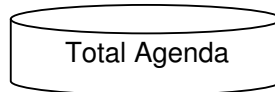
Mailings: All mailings are kept in the Mailings table, also they are copied in Net2Client's ENL Table so that they can be used as a predefined text and be sent as a bulk mail.



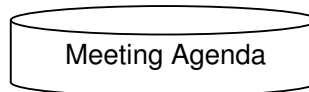
Contact: This module manage all contact made by the web site. It has an internal control application in the back-office, where an authenticated user can see its contact mails. Also, it sends mails to the predefined email address of the user.



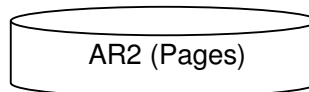
Total Agenda: In the table Total Agenda there is all the information about the monthly points.



Dealerpanel Agenda: All information needed about a meeting is kept in the table Meeting Agenda, including date, meeting points and email of the responsible person.



Web Site Map: This WI3 Module uses the WIB Table AR2, to show all the pages of the web site.



4.2. Net2Client Table Structure

Table – AGE – GEBRUIKERS

External Name	Internal Name	Length	Mandatory
Gebruikers Nummer	AGECodigo		Yes
Gebruikers Naam	AGENombre		
Wachtwoord	AGEPassword	20	Yes
Profiel	AGEPerfil	5	Yes
Email	AGEEmail1	40	
Afdeling	AGELista1	40	
Persoon in last voor de contacten van de afdeling	AGECheckbox1		

Table – PER – DEALERS

External Name	Internal Name	Length	Verplicht
Dealer Nummer	PERCodigo		Yes
Stationsnaam	PERNombre	40	Yes
Gebruikers Nummer	PERCodAgente		Yes
Adres	PERLinea2	40	Yes
Postcode	PERLinea3	40	Yes
Plaatsnaam	PERLinea4	40	Yes

Email	PEREmail1	40	
Telefoonnummer	PERLinea6	40	Yes
Faxnummer	PERLinea7	40	
Maandag Van	PERLinea8	40	Yes
Maandag Tot	PERLinea9	40	Yes
Dinsdag Van	PERLinea10	40	Yes
Dinsdag Tot	PERLinea11	40	Yes
Woensdag Van	PERLinea12	40	Yes
Woensdag Tot	PERLinea13	40	Yes
Donderdag Van	PERLinea14	40	Yes
Donderdag Tot	PERLinea15	40	Yes
Vrijdag Van	PERLinea16	40	Yes
Vrijdag Tot	PERLinea17	40	Yes
Zaterdag Van	PERLinea18	40	Yes
Zaterdag Tot	PERLinea19	40	Yes
Zondag Van	PERLinea20	40	Yes
Zondag Tot	PERLinea21	40	Yes
Euro 95 ongelood	PERCheckbox1		
Super Plus 98 ongelood	PERCheckbox2		
Total Excellium 98 ongelood	PERCheckbox3		
Total Diesel ZV	PERCheckbox4		
Total Excellium Diesel	PERCheckbox5		
Tractor Gasolie	PERCheckbox6		
Tractie Gasolie ZV	PERCheckbox7		
Autogas	PERCheckbox8		
New Dealer?	PERCheckbox9		

Table - EVE - CONTACTS

External Name	Internal Name	Length	Mandatory
Cod Contact	EVECodigo		Yes
Naam Contact	EVENombre		
Gebruikers Nummer	EVECodAgente		Yes
To	EVEEnlaceA		
Department	EVELista2	40	
Content	EVEBloque1	40X4	
Status	EVELista1	40	
Incoming Date	EVEFecha1		
Incoming Hour	EVEHora1		

Dealer	EVEEnlaceP	
Answer Date	EVEFecha2	
Name	EVELinea3	40
Email	EVEEmail1	40
Sex	EVELista3	40
Bedrijf	EVELinea4	40
Telephone	EVECan1	40
Address	EVELinea5	40
Postcode	EVELinea6	40
Plaats	EVELinea7	40
Faxnummer	EVECan2	40
Attachment	EVEAnexos	
Per e-mail	EVECheckbox1	
Per Telefoon	EVECheckbox2	

Table - INT - INTERACTIES

External Name	Internal Name	Length	Mandatory
Interactie	INTCodigo		Yes
Resumen Interactie	INTNombre		
Gebruikers Nummer	INTAgente		Yes
Dealer Nummer	INTPersona		Yes
Cod Contact	INTEvento		Yes
Datum	INTFecha		Yes
Uur	INTHora		Yes
Interactie Type	INTTipoInt	30	Yes
Email Bijlage	INTAnexos		
Categorie	INTLista1	40	Yes
Titel	INTLinea1	40	Yes
Email Tekst	INTBloque1	100X30	Yes
Versturen	INTCheckbox1		
Status	INTLista2	40	

Table - ACT - ACTIES

External Name	Internal Name	Length	Mandatory
Cod Acties	ACTCodigo		Yes
Naam Acties	ACTNombre		
Gebruikers Nummer	ACTCodAgente		Yes

Publiceren t/m	ACTFecha1	
Tonen	ACTCheckbox1	
Inhoud Tekst	ACTBloque1	70X18
Image bestand	ACTArchivo1	

Table - TAG - TOTAL AGENDA

External Name	Internal Name	Length	Mandatory
Cod TAG	TAGCodigo		Yes
naam TAG	TAGNombre		
Gebruikers Nummer	TAGCodAgente		Yes
Datum	TAGFecha1		Yes
somery	TAGBloque2	90X4	
Categorie	TAGLinea1	40	
Descripcion	TAGBloque1	90X15	Yes

Table - AGN - MEETING AGENDA

External Name	Interne naam	Length	Mandatory
Cod Meeting Agenda	AGNCodigo		Yes
Meeting Subject	AGNNombre	90	
Gebruikers Nummer	AGNCodAgente		Yes
Datum	AGNFecha1		Yes
Agenda Punten	AGNBloque1	90X15	Yes
Contact Email	AGNEmail1	40	Yes

Table - BAN - BANNERS

External Name	Internal Name	Length	Mandatory
Code Banner	BANCodigo		Yes
Naam Banner	BANNombre		
Gebruikers Nummer	BANCodAgente		Yes
Plaatje	BANImagen1		Yes
URL	BANURL1	40	Yes
Publiceren?	BANCheckbox1		
Start Datum	BANFecha1		Yes
Eind Datum	BANFecha2		Yes

Table - PRI - PRIJZEN

External Name	Internal Name	Length	Mandatory
Naam Prijzen	PRICodigo		Yes
Cod Prijzen	PRINombre		
Gebruikers Nummer	PRICodAgente		Yes
Update Datum	PRIFecha1		Yes
Prijs van Euro 95 ongelood	PRIMonto1	40	Yes
Prijs van excellium ongelood 98	PRIMonto2	40	Yes
Prijs van excellium diesel	PRIMonto3	40	Yes
Prijs van diesel	PRIMonto4	40	Yes
Prijs van lpg	PRIMonto5	40	Yes

Table - EXT - EXTRA CONTENT

External Name	Internal Name	Length	Mandatory
Code Extra Content	EXTCodigo		Yes
Extra Content Titel	EXTNombre		
Gebruikers Nummer	EXTCodAgente		Yes
Korte omschrijving	EXTBloque1	90X4	Yes
Uitgebreide omschrijving	EXTBloque2	90X15	Yes
Nieuws Thumbnail Image	EXTImagen1		
Nieuws Detail Image	EXTImagen2		
Nieuwsdatum	EXTFecha1		
Datum actief	EXTFecha2		
Datum inactief	EXTFecha3		
Home Page	EXTCheckbox1		
News	EXTCheckbox2		
Dealer Page	EXTCheckbox3		
Link type	EXTLista1	40	
Link titel	EXTLinea1	40	
Internal Page	EXTLink1_AR2		
External url	EXTURL1	40	
Bestand/document	EXTArchivo1		
URL & QS	EXTLinea3	40	

Table - ENQ - ENQUETE

External Name	Internal Name	Length	Mandatory
Cod Enquete	ENQCodigo		Yes
Titel Enquete	ENQNombre		

Gebruikers Nummer	ENQCodAgente		Yes
Beschrijving	ENQBloque1	40X4	
Start Datum	ENQFecha1		Yes
Eind Datum	ENQFecha2		Yes

Table - ENV - ENQUETE VRAAG

External Name	Internal Name	Length	Mandatory
Cod Enquete Vraag	ENVCodigo		Yes
Naam Enquete Vraag	ENVNombre		
Gebruikers Nummer	ENVCodAgente		Yes
Vragen Tekst	ENVBloque1	40X4	Yes
Enquete	ENVLink1_ENQ		

Table - ENO - ENQUETE OPTIES

External Name	Internal Name	Length	Mandatory
Cod Enquete Optie	ENOCodigo		Yes
Naam Enquete Optie	ENONombre		
Gebruikers Nummer	ENOCodAgente		Yes
Optie Tekst	ENOBloque1	40X4	Yes
Vraag	ENOLink1_ENV		Yes

Table - ANT - ENQUETE RESULTS

External Name	Internal Name	Length	Mandatory
Cod Enquete Result	ANTCodigo		Yes
Naam Enquete Result	ANTNombre		
Gebruikers Nummer	ANTCodAgente		Yes
Dealer	ANTLink1_PER		Yes
Enquete	ANTLink1_ENQ		Yes
Vraag	ANTLink1_ENV		Yes
Antwoord	ANTLink1_ENO		Yes
Datum Antwoord	ANTFecha1		
IP	ANTLinea1	40	Yes

Table - MAL - MAILINGS

External Name	Internal Name	Length	Mandatory
Mailing Code	MALCodigo		Yes

Mailing Title	MALNombre		Yes
Gebruikers Nummer	MALCodAgente		Yes
Categorie	MALLista1	40	Yes
Date	MALFecha1		Yes
Gepubliceerd?	MALCheckbox1		
Content	MALBloque1	90X15	Yes
Voorgedefinieerde Tekst Code	MALCant1	40	

Table - AR2 - PÁGINAS - Toepassing 103

External Name	Internal Name	Length	Mandatory
# Página	AR2Codigo		Yes
Nombre Página	AR2Nombre		
Gebruikers Nummer	AR2CodAgente		Yes
Nombre Archivo	AR2Linea1	60	Yes
Tipo de página	AR2Lista1	15	Yes
ID Sitio	AR2Enlace1	40	
Orden	AR2Cant1	5	
Ascendente	AR2Enlace2	40	
Group	AR2Bloque8	60X4	
Language	AR2Lista6	3	
Pag idioma original	AR2Link1_AR2		
Divisiones	AR2MLink1_AR3		
No Publicar?	AR2Checkbox2		
Login Required?	AR2Checkbox1		
Aplicacion	AR2Linea4	40	
Perfiles permitidos	AR2Bloque9	40X4	
Appearance first day	AR2Fecha1	11	
Appearance last day	AR2Fecha2	11	
Page keywords	AR2Bloque7	80X4	
Descripción	AR2Bloque1	80X4	
Título	AR2Linea3	80	
CSS here	AR2Bloque5	80X4	
CSS file	AR2Linea2	40	

4.3. Lists

Table - AGE - GEBRUIKERS**AGELista1: Afdeling**

- Sales
- Marketing
- Power Points / Loyalty
- Top Services & Training
- Shop Food en Services
- Customer Services
- Cards
- Dealerpanel

Table - EVE - CONTACTS**EVELista1: Status**

- Nieuw
- Lees
- Geantwoord

Copy from: AGELista1

EVELista2: Afdeling**EVELista3: Geslacht**

- Man
- Vrouw

Table - EXT - NIEUWS**EXTLista1: Link type**

- 1-Internal Link
- 2-External Link
- 3-Document
- 4-Internal Link & Notice Code

Table - MAL - MAILINGEN**MALLista1: Categorie**

- Algemeen
- Cards
- Customer Services
- Dealerpanel
- Engineering
- General (Algemeen)

- Marketing
- Power Points
- Shop Food en Services
- Smeermiddelen
- Top Services & Training

5. File Structure

Each file has a different purpose in the system. This is the reason why we have a well defined structure for the files that compose the system modules.

Application files are kept in the 08203 Application FTP. All images and cascade style sheets that are referenced in the site are kept in the WIB FTP so that they are closer to the generated pages.

The following tree structure is the content of the Application FTP (/ZZZ/08/20/203/):

- ENVFormula.php
- EVEExtendido.php
- EXT_News.php
- /Graph
 - FC_Colors.php
- /Image
 - All images uploaded with the FCK editor
- MailingPre.php
- MailingsPost.php
- OlvidoPswd.htm
- OlvidoPswd.php
- POSTNews.php
- PRIFormula.php
- PerfilUpdate.php
- acties.php
- acties_home.php
- agendaBuilder.php
- buzon.php
- contact.php
- dealerInclude.html
- grafico_barras.php
- graph_poll.php
- graph_poll2.php
- /images
 - arrow_red.gif
 - blue_bar.gif
 - boxHolderBig.gif
 - boxHolderMedium.gif
 - boxTopBig.gif
 - mail.gif
 - mailYellow.gif
 - min.gif
 - plus.gif
 - pollBox.gif
 - red_bar.gif

- yellow_bar.gif
- includeMeetingPoint.php
- lista_meses.php
- mailingDetail.php
- mailingsList.php
- meetingAgenda.php
- modificar.php
- poll.php
- priceBoard.php
- profiel.php
- savePoll.php
- sendContact.php
- sendMeetingPoint.php
- styleTotalBO.css
- /styles
 - acties.css
 - archivoEstilos.css
 - estilo_EVE.css
 - estilo_general.css
 - pollcss.css
- titlebar.gif
- titlebar_left.gif
- titlebar_right.gif
- totalLogo.jpg
- vacio.htm

The following tree structure is the content of the WIB 3 FTP (/ZZZ/08/08203/):

- /Image
 - All documents uploaded using FCK Editor
- /Images
 - arrow_gray.gif
 - arrow_red.gif
 - arrow_red_up.gif
 - arrow_white.gif
 - backgroundLineMedium.gif
 - dealersite.gif
 - feedbackBox.gif
 - fondo.JPG
 - menubar.gif
 - newsBox.gif
 - pollBox.gif
 - pricePole.jpg
 - titlebar.gif
 - titlebar_left.gif
 - titlebar_right.gif
 - topbar.gif
 - totalLogo.jpg
- /Prog
 - Agente.php
 - BorrarCOKO.php
 - feedbackContact.js
 - feedbackFunctions.js

- menuHover.js
- /styles
 - acties.css
 - agenda.css
 - agendaHome.css
 - contact.css
 - forgotPasswd.css
 - home.css
 - listaMeses.css
 - mailings.css
 - main.css
 - news.css
 - poll.css
 - wibAanmelden.css
 - wibActies.css
 - wibAgenda.css
 - wibArchief.css
 - wibContact.css
 - wibDealerNews.css
 - wibLinks.css
 - wibMailings.css
 - wibNews.css
 - wibNewsDetail.css
 - wibProfiel.css
- All WIB generated pages for editing (wip_...htm)
- All WIB generated pages for publishing

6. Programs Structure

In this section, a detailed explanation is presented divided in the functionality modules of the system. An **orange** box means that the program serves to the N2C back-office application, and the **green** box is for the programs that are displayed in the WIB generated site.

News Module: WIB 3 Module.

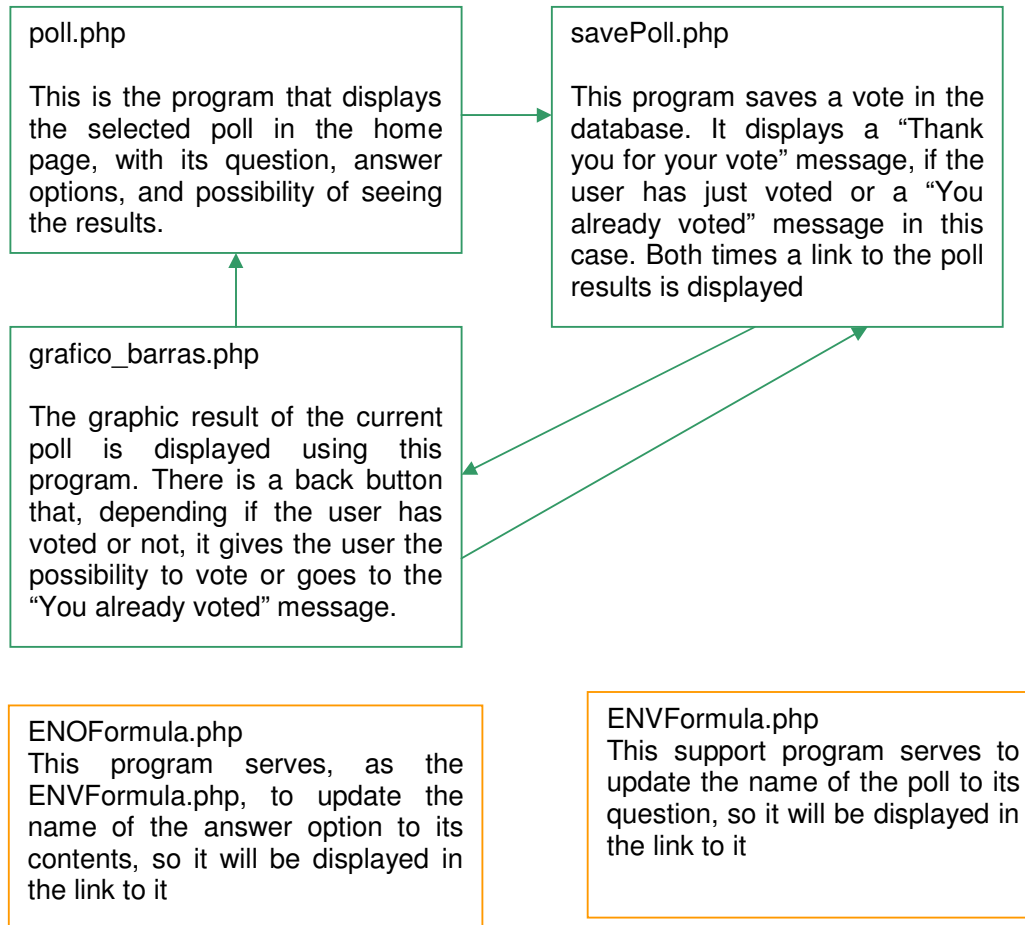
EXT_News.php

Used to help the WIB3 Module, so that any inserted or updated news item is related to a news item detail page.

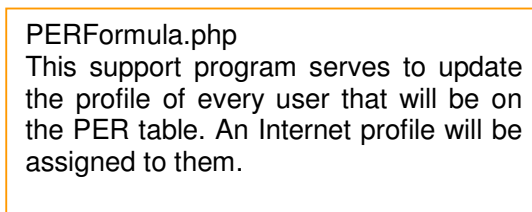
POSTNews.php

Serves to automatically use today's date as the activation date of an inserted news item if this field is left blank.

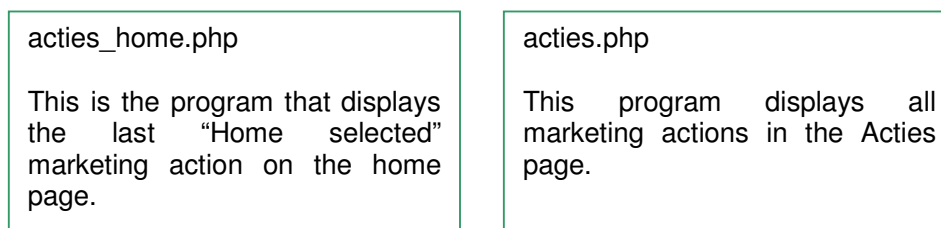
Poll Module:



Subscription & Login Module: WIB 3 Module.



Marketing Actions (Acties) Module:



Price Board:

priceBoard.php

This program looks for the last prices in the database and displays them in the left board. Also, it looks for the last four banners to display them under the prices

PRIFormula.php

Runs when the administrator inserts a new record in the PRICES table. It sets the date to today's date.

Mailings:

mailingsList.php

This program displays all mailings within a category specified in the query string.

mailingDetail.php

The contents of a specific mailing are displayed using this program.

MailingsPre.php & MailingsPost.php

This program assures the database consistency by replicating all mailing in the ENL table

Contact:

contact.php

It opens a contact form for the specified category, so that the user can send comment and/or questions. The recipients' email is automatically obtained from the back-office application.

sendContact.php

This program sends an email to the responsible person(s), saves the contact in the database and creates an INTERaction record.

buzon.php (Special Button "Berichten Administratie")

This program displays all information in a well-designed format so that a Back-Office user can manage their contact mails. When the back-office starts, it starts with this program in the main window.

EVEExtendido.php

Shows the details of a contact message selected, including sender, contact department, date, etc.

Total Agenda:

lista_meses.php

This program displays a month list so the user can select a month to display its agenda information. It sends information to refresh the agenda to agendaBuilder.

agendaBuilder.php

This program displays the agenda points' information for the selected month.

Dealerpanel Agenda:

meetingAgenda.php

This program displays a list with the information of each programmed meeting. Also, it displays a button "MAIL" which opens a new window running the includeMeetingPoint program

includeMeetingPoint.php

This program offers a form interface so that the user can propose a meeting point. This form submits to the sendMeetingPoint program to send the form contents by email.

sendMeetingPoint.php

This program sends the contents of the submitted form to the meeting responsible.

Web Site Map: WIB 3 Module.

7. Development & Implementation Considerations

- *Flash Content & Marketing Actions:* This website is developed to be functional under Internet Explorer v6.0 and Firefox v1.5, nevertheless any flash content must be developed so that it works and has the proper look and feel for these browsers. The administrator must test any video, image or flash content of the marketing actions module before displaying it online. Also, any action provoked by a Flash animation has to remain inside the flash movie or if it's going to link to another page, make sure it will display the link in a new page.
- *Contact Emails:* It is important that at least each department of the Total Nederlands Company has a responsible for contacts with a record in the AGE table. Otherwise,

the contact mails will be sent to no one. In other hand if there is more than one person in a department with the checkbox of “Contact Responsible” checked, contact mails will be sent to all of them.

- *General Public Contact*: When a contact is sent by a user that it has not logged into the system, the contact record is saved with a link to a dummy record of the PER table, named General Public.
- *Private Pages*: There are few private pages defined at the moment of the project closure, since no list of private pages has been provided. Only **profielwijzigen.htm** and **dealerpanel_agenda.htm** are declared as private. To mark a page in WIB as private, please follow the given instructions in the user guide.
- *AJAX feed-back functions (Subscription Page)*: To validate all entries in the subscription form as AJAX feed-back messages there is a javascript file linked in a paragraph in the Aanmelden page. This is the **subscriptionText** paragraph, which contains the Aanmelden header and an introductory text. If you delete this paragraph, you will have no validations in this page.
- *Menu Hover*: The same as in the Aanmelden page, there is a javascript file linked to manage Internet Explorer bugs that made the menu moves when selecting from it. This file is linked in the **no_login_options** and in the **login_options** paragraphs. They both are important in order to maintain the menu with a good look & feel. If you delete any of these paragraphs, the menu will not work well.
- To maintain the website look & feel in the creation of content pages, the WIB user has to follow the recommendations in the user guide.
- The list values are being used by some programs, so any change in the list values can produce errors in the system processes. In case of any change needed, please get in contact with the system administrator.
- The following predefined texts are crucial for the system processes: **Aanmelden Email**, **Contact Email** and **Nieuwe Watchwoord**. You should neither edit nor delete these texts. In case of any change needed, please get in contact with the system administrator.

8. User Profiles

The Total Nederlands Dealersite works with two kinds of users:

Users who have administrative permissions (**Admin profile**), that are capable of creating, updating and deleting records of every table. This profile is only recommended to website and back-office administrators.



And users who interact with the system via Internet (**Internet profile**), that have limited permissions since they only interact with the system via web.