

SMART

HTMS (HIGHWAY TOLL MANAGEMENT SYSTEM) SOFTWARE

BASIC FEATURES OF SOFTWARE

- 1) CALL RECORDING ON COMPUTER HARD DISK.
- 2) CALLER ID WITH LOCATION DISPLAY ON COMPUTER.
- 3) CALL DATA WITH DATE / TIME STAMP PRINTOUT.
- 4) MISSED CALL RECORD.
- 5) POPUPS FOR INCOMING CALL.
- 6) ECB LIVE STATUS.
- 7) FACILITY TO PLAY BACK ANY RECORDED AUDIO.

SOFTWARE REQUIREMENT:

- 1) OPERATING SYSTEM: Windows XP/7/8.
- 2) FRONTEND: MICROSOFT VISUAL STUDIO 2010.
- 3) BACKEND: SQL SERVER 2008/2010/2012/2014.

HARDWARE REQUIREMENT:

- 1) PROCESSOR: 32/64bit.
- 2) RAM: Minimum 2 GB RAM.

CALL AUDIT:

This is the 5 different Options of HTMS software i.e. ECB SUMMARY, CALL MANAGEMENT, CALL AUDIT, REPORT, REGISTER ECBDIRECTION. As Soon software get started CALL AUDIT Window get opened.

category	date	ecbtno	ecctype	ecbdirection	calltime	calltype	dialno	Recording
	201...	1002	SLAVE	LEFT SIDE	13:27:11	INCOMING		PLAY
DETAILED...	201...	1002	SLAVE	LEFT SIDE	13:28:46	INCOMING		PLAY
GENERAL...	201...	1002	SLAVE	LEFT SIDE	13:28:24	INCOMING		PLAY
EMERGE...	201...	1002	SLAVE	LEFT SIDE	13:20:48	INCOMING		PLAY
DETAILED...	201...	1002	SLAVE	LEFT SIDE	13:18:45	INCOMING		PLAY
EMERGE...	201...	1002	SLAVE	LEFT SIDE	13:18:02	INCOMING		PLAY
GENERAL...	201...	1002	SLAVE	LEFT SIDE	13:17:29	INCOMING		PLAY
	201...	1002	SLAVE	LEFT SIDE	12:11:54	INCOMING		PLAY
GENERAL...	201...	1002	SLAVE	LEFT SIDE	11:49:29	INCOMING		PLAY
EMERGE...	201...	1002	SLAVE	LEFT SIDE	11:40:24	INCOMING		PLAY
EMERGE...	201...	1002	SLAVE	LEFT SIDE	16:02:45	INCOMING		PLAY
	201...	1002	SLAVE	LEFT SIDE	16:00:41	INCOMING		PLAY
GENERAL...	201...	1002	SLAVE	LEFT SIDE	16:00:05	INCOMING		PLAY

Facility to play back any recorded audio file of call after selecting particular row of Table displayed side by side.

In Above Table, It displays all call data i.e. Missed call, Incoming call and Outgoing call with date / time stamp.

In above **CALL AUDIT** Window, **SEARCH** Panel displays call i.e. all Incoming, Outgoing, Missed call data with date / time stamp after entering ecb id and selecting In between dates after Clicking **SEARCH** Button and **RECENT CALLS** Button give same date all call data.

REGISTER_ECBDIRECTION:

Following Panel get displayed after clicking on **REGISTER ECBDIRECTION** so we can Register **ECB NO**, **ECB TYPE**, **ECB DIRECTION** and save it only at once.

The screenshot displays the 'Call Audit' application interface. At the top, there are navigation tabs: ECB SUMMARY, CALL MANAGEMENT, CALL AUDIT, REPORT, and REGISTER ECBDIRECTION. The REGISTER ECBDIRECTION tab is active. On the left, there is a search panel with fields for ECB, FROM DATE (2016-06-16), TO DATE (2016-06-16), and CATEGORY, along with SEARCH, RESET, and RECENT CALLS buttons. The main area shows a table with columns: category, date, ecbno, ecbtype, ecbdirection, calltime, calltype, dialno, and Recording. Below the table, a modal window titled 'REGISTRATION OF DIRECTION AND LINE No' is displayed, containing input fields for ECB No (1003), ECB TYPE (SLAVE), and ECB DIRECTION (400 KM RIGHT S), with BACK and SAVE buttons.

category	date	ecbno	ecbtype	ecbdirection	calltime	calltype	dialno	Recording
x								

REGISTRATION OF DIRECTION AND LINE No

ECB No: 1003

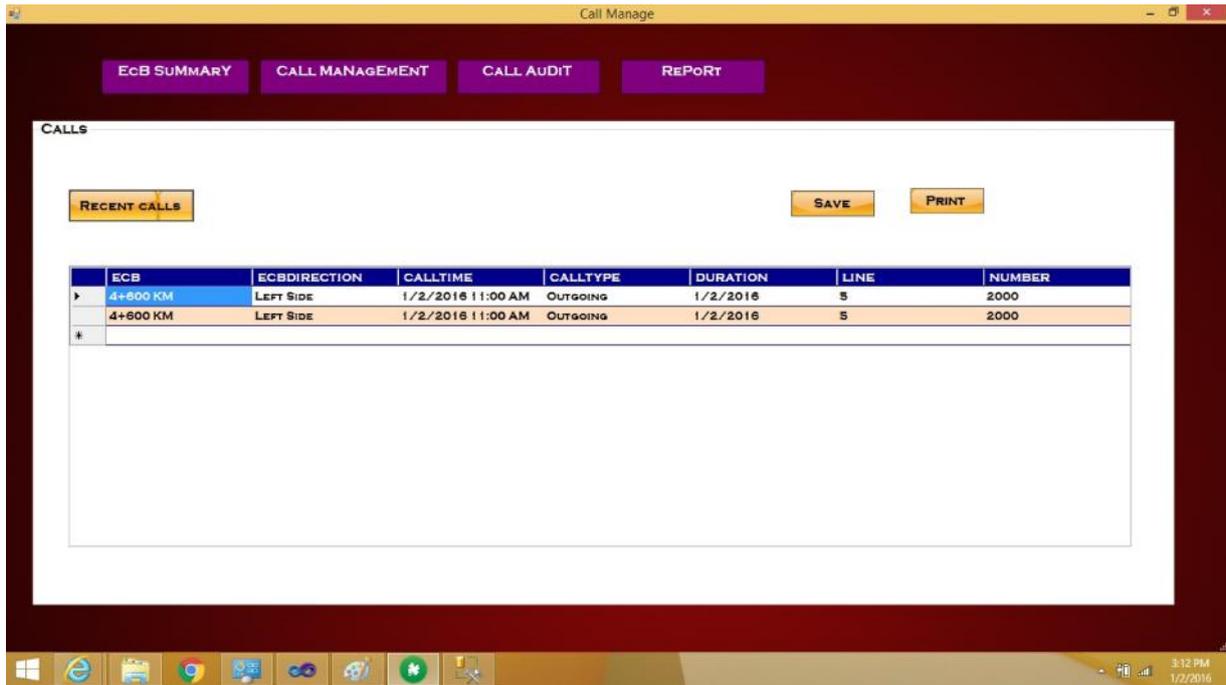
ECB TYPE: SLAVE

ECB DIRECTION: 400 KM RIGHT S

BACK SAVE

CALL MANAGEMENT:

Next is **CALL MANAGEMENT** window After Clicking on **RECENT CALLS** Today's Call data get displayed we can play back any recorded audio file of call after selecting it as per time. There is also two different option available i.e. **SAVE AND PRINT**.



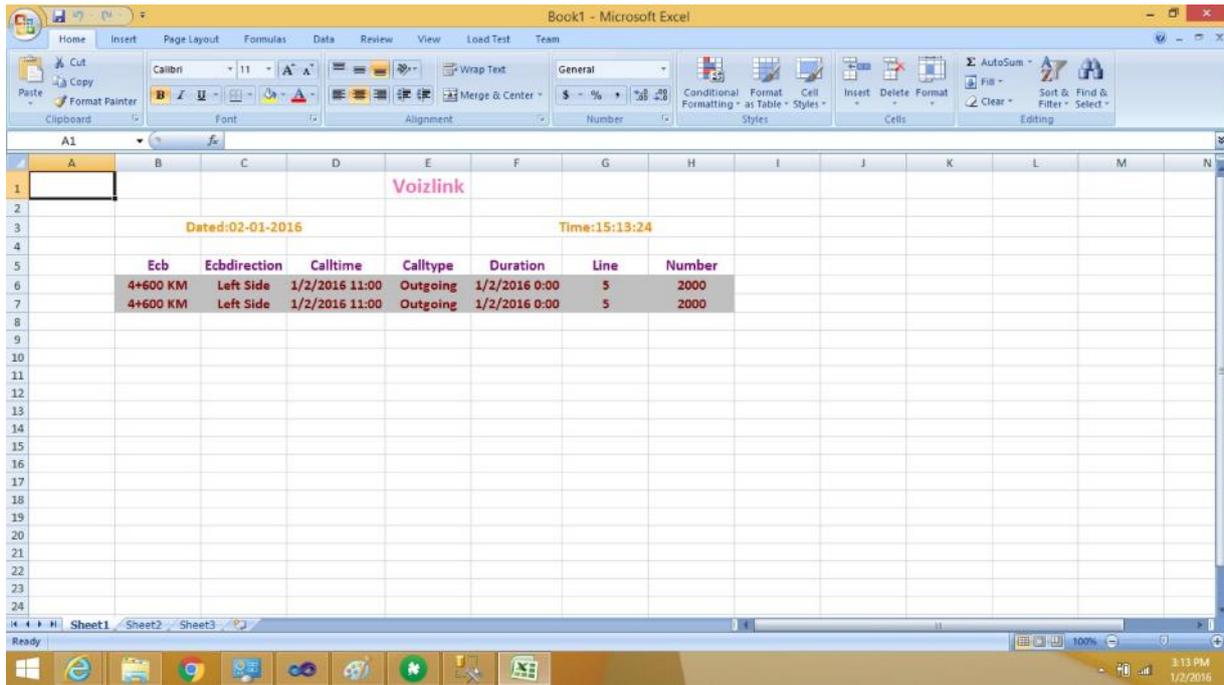
The screenshot displays the 'Call Manage' application window. At the top, there are four navigation buttons: 'ECB SUMMARY', 'CALL MANAGEMENT', 'CALL AUDIT', and 'REPORT'. The 'CALL MANAGEMENT' button is selected. Below the navigation bar, the 'CALLS' section is visible. It contains a 'RECENT CALLS' button on the left and 'SAVE' and 'PRINT' buttons on the right. A table with the following data is displayed:

ECB	ECBDIRECTION	CALLTIME	CALLTYPE	DURATION	LINE	NUMBER
4+600 KM	LEFT SIDE	1/2/2016 11:00 AM	OUTGOING	1/2/2016	5	2000
4+600 KM	LEFT SIDE	1/2/2016 11:00 AM	OUTGOING	1/2/2016	5	2000
*						

The Windows taskbar at the bottom shows the system time as 3:12 PM on 1/2/2016.

SAVE TO EXCEL SHEET:

In **CALL MANAGEMENT** window, after Clicking on Save Option we can save all call data in Excel Sheet.



The screenshot shows a Microsoft Excel spreadsheet titled "Book1 - Microsoft Excel". The spreadsheet contains the following data:

Voizlink						
Dated:02-01-2016				Time:15:13:24		
Ecb	Ecbdirection	Calltime	Calltype	Duration	Line	Number
4+600 KM	Left Side	1/2/2016 11:00	Outgoing	1/2/2016 0:00	5	2000
4+600 KM	Left Side	1/2/2016 11:00	Outgoing	1/2/2016 0:00	5	2000

The spreadsheet is displayed in the "Home" tab of the ribbon, with the "Clipboard" group selected. The status bar at the bottom indicates "Ready" and the system clock shows "3:13 PM 1/2/2016".

RECENT CALL PRINTOUT:

In **CALL MANAGEMENT** window, after Clicking on **PRINT** Option we can Take Printout of the today's call record.

Print preview

Page 1

Dated:02-01-2016

Voizlink

Time:15:14:34

SCB	ECBDIRECTION	CALLTIME	CALLTYPE	DURATION	LINE	NUM
4+800 KM	Left Side	1/2/2016 11:00 AM	Outgoing	1/2/2016	5	2000
4+800 KM	Left Side	1/2/2016 11:00 AM	Outgoing	1/2/2016	5	2000

3:14 PM 1/2/2016

ECB REPORT:

ECB REPORT Window generates Reports as per selection of **REPORT CATEGORY** as per date and time.

The screenshot displays the 'Ecb Report' application window. At the top, there are four navigation tabs: 'ECB SUMMARY', 'CALL MANAGEMENT', 'CALL AUDIT', and 'REPORT'. The 'REPORT' tab is currently selected. Below the tabs, the interface is divided into several sections:

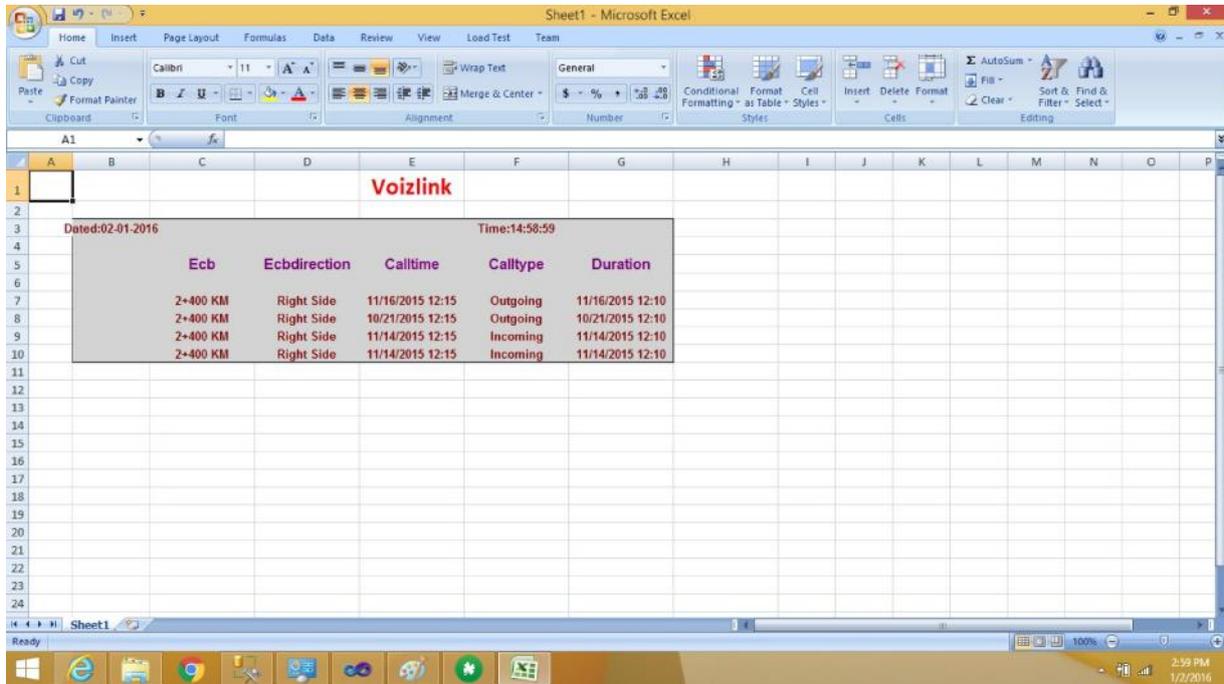
- REPORT SELECTION:** Contains two dropdown menus: 'ECB REPORT' and 'REPORTS CATEGORY'.
- REPORT FILTERS:** Includes two date input fields: 'START DATE' (set to 2016-06-16) and 'END DATE' (set to 2016 06 16). Below these is a yellow 'ECB' button.
- Table:** A table with columns: DATE, CATEGORY, ECB, ECBTYPE, DIRECTION, CALLTIME, CALLTYPE, and DIALNO. The table is currently empty, with only a '*' character visible in the first cell of the first row.
- Buttons:** A yellow 'RESET FILTERS' button is located at the bottom left of the filters section, and a yellow 'GENERATE REPORT' button is at the bottom right.

A modal dialog box is overlaid on the interface, titled 'Do You Want to Save or Print..?'. It features a question mark icon and two buttons: 'Save' and 'Print'.

DATE	CATEGORY	ECB	ECBTYPE	DIRECTION	CALLTIME	CALLTYPE	DIALNO
*							

REPORT IN EXCEL SHEET:

In **ECB REPORT** Window after clicking on ECB Button we can save call data into Excel Sheet by selecting **SAVE** option From **GENERATE REPORT**.



Sheet1 - Microsoft Excel

Home Insert Page Layout Formulas Data Review View Load Test Team

Clipboard Font Alignment Number Conditional Formatting Cell Styles Insert Delete Format AutoSum Fill Sort & Find & Filter Editing

A1

Voizlink				
Dated:02-01-2016			Time:14:58:59	
Ecb	Ecbdirection	Calltime	Calltype	Duration
2+400 KM	Right Side	11/16/2015 12:15	Outgoing	11/16/2015 12:10
2+400 KM	Right Side	10/21/2015 12:15	Outgoing	10/21/2015 12:10
2+400 KM	Right Side	11/14/2015 12:15	Incoming	11/14/2015 12:10
2+400 KM	Right Side	11/14/2015 12:15	Incoming	11/14/2015 12:10

Ready Sheet1 100% 2:39 PM 1/2/2016

REPORT PRINTOUT:

In **ECB REPORT** Window after clicking on **ECB** Button we can Print call by selecting **PRINT** option From **GENEARATE REPORT**.

Print preview

Page 1

Voizlink

Dated:02-01-2016 Time:15:05:39

Ecb	EcbDirection	Caltime	Calltype	Duration
2-400 KM	Right Side	11/16/2015 12:15:00 PM	Outgoing	11/16/2015 12:10:00
2-400 KM	Right Side	10/21/2015 12:15:00 PM	Outgoing	10/21/2015 12:10:00
2-400 KM	Right Side	11/14/2015 12:15:00 PM	Incoming	11/14/2015 12:10:00
2-400 KM	Right Side	11/14/2015 12:15:00 PM	Incoming	11/14/2015 12:10:00

3:05 PM
1/22/2016

INDUSTRIAL AUTOMATION SIMPLIFIED.

Cables & Wireless co.

FF 75 RAJAT ARCADE, MIDC T-POINT,
AMRAWATI ROAD, WADI,
NAGPUR -440023.MAHARASHTRA ,INDIA.
PHONE:-+917104-321913, +917104-224381
Fax:- +917104-224381.
Cell: - +9198226 95746, +919145610269, +919822941190.
Website:- www.cnwcom.in. E-mail: - cnwcom@gmail.com.

“(Specifications and description subjected to change without prior notice)”