

Modello

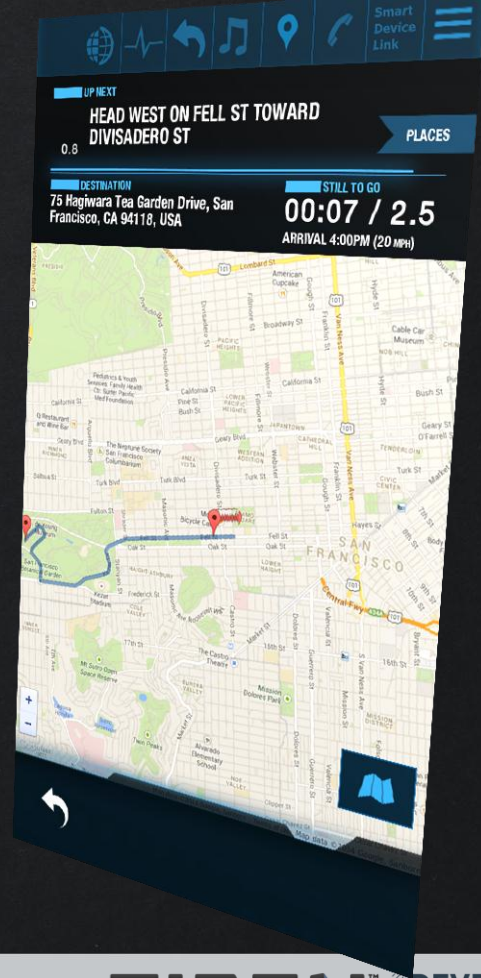
More than just a pretty face

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TIZEN™
**DEVELOPER
CONFERENCE**
2014
SAN FRANCISCO

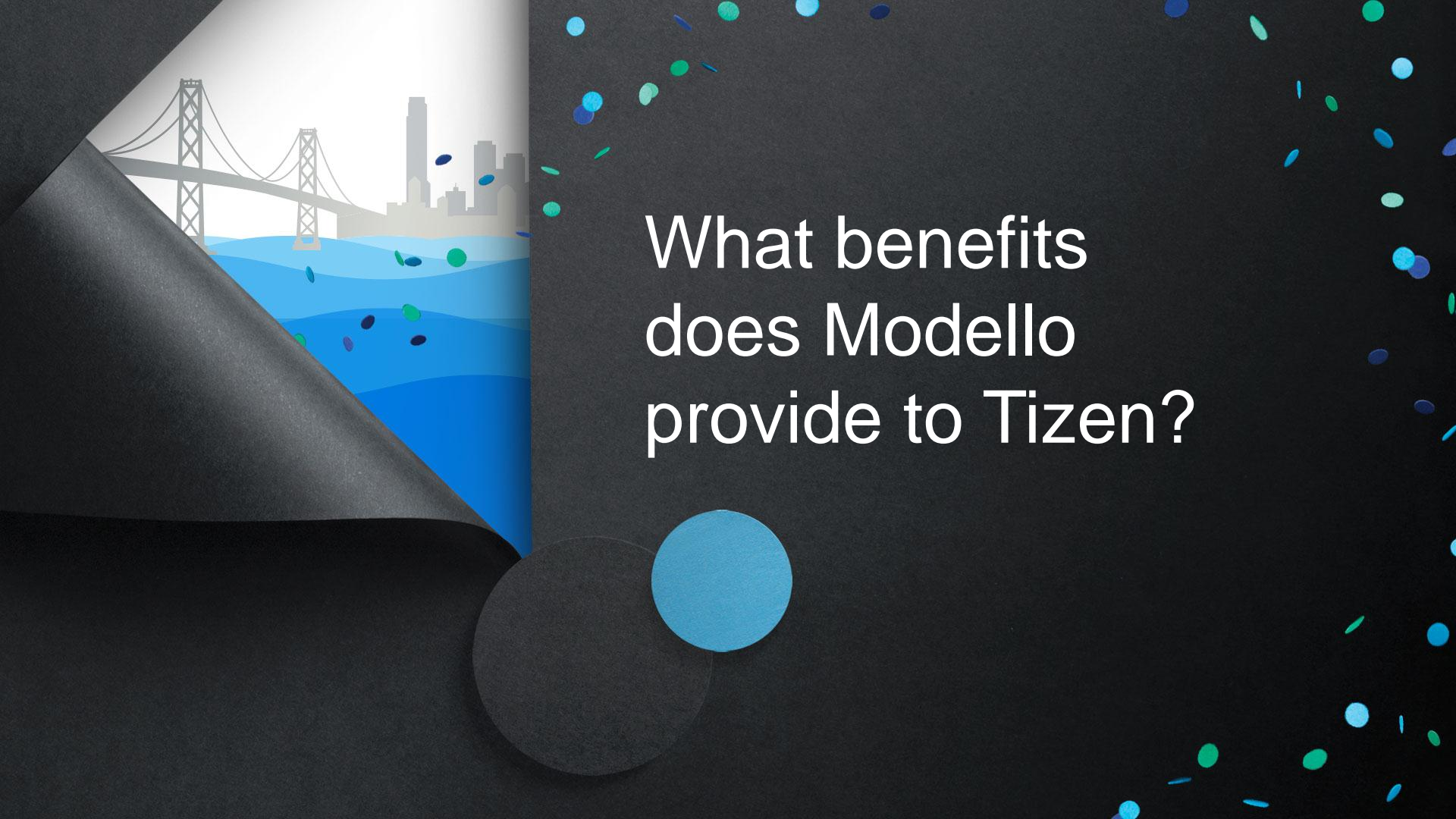


What is Modello?



Modello is...

- **Fully functional and vehicle ready**
- **Hardware independent**
- **Open source and built with HTML**
- **A suite of applications**
- **Completely modular, choose and add what you want**
- **Able to have apps installed as stand alone**



What benefits
does Modello
provide to Tizen?

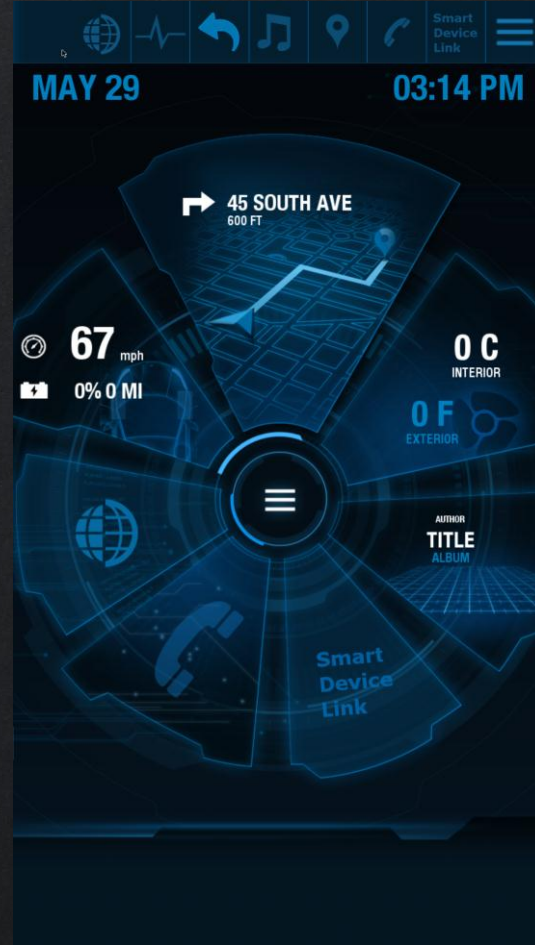
- **Attractive way to demonstrate what Tizen IVI can do**
- **Provides a real world test case for current and future Tizen web APIs**
- **Fully customizable and allows for fast prototyping of layouts, schemes, features, and new API use cases**
- **Provides a starting point for developers interested in the IVI user space**
- **Modularly built, making it easy to add new applications to it**



Current features

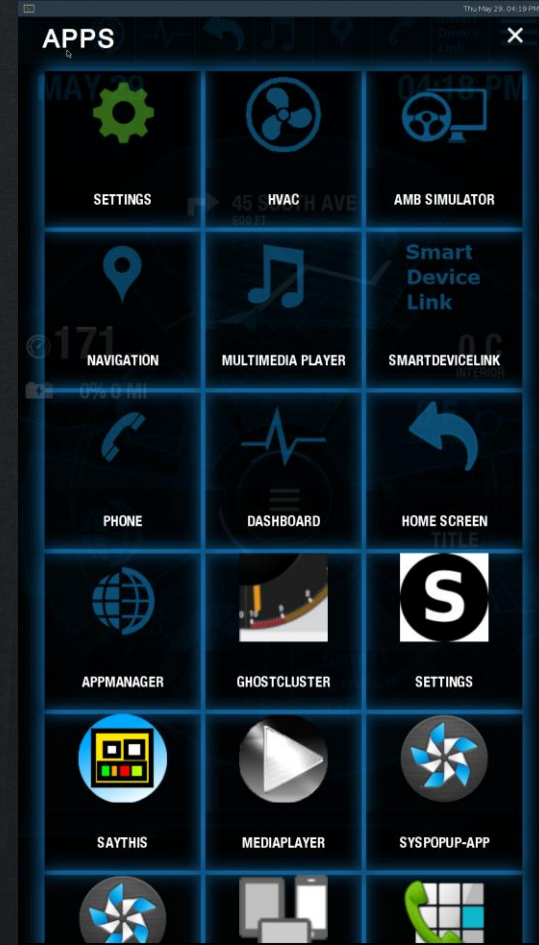
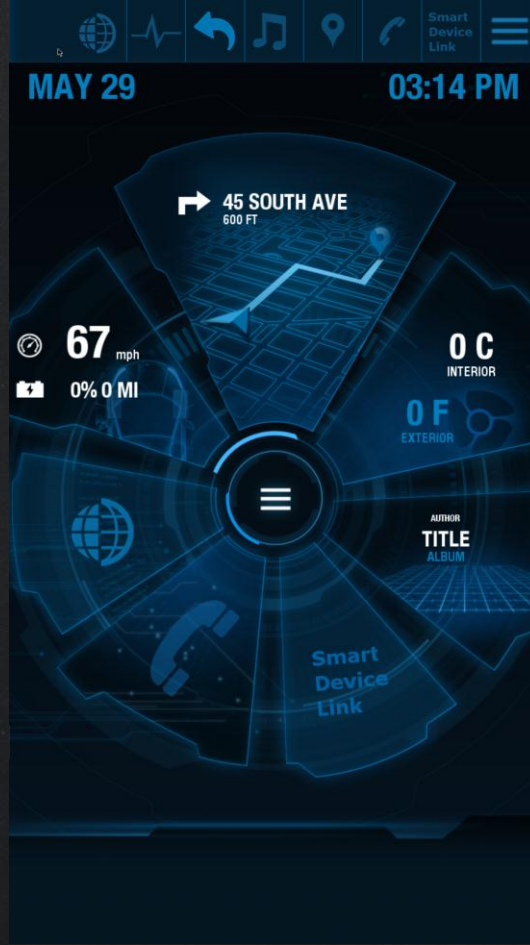
Homescreen

- Launches apps
- Shows certain vehicle statuses
- Date / Time



App Launcher

- Launches non Modello apps



HVAC

- Shows status of the vehicle's HVAC settings
- Allows adjustment of fan speed, defrost, seat warmers, etc



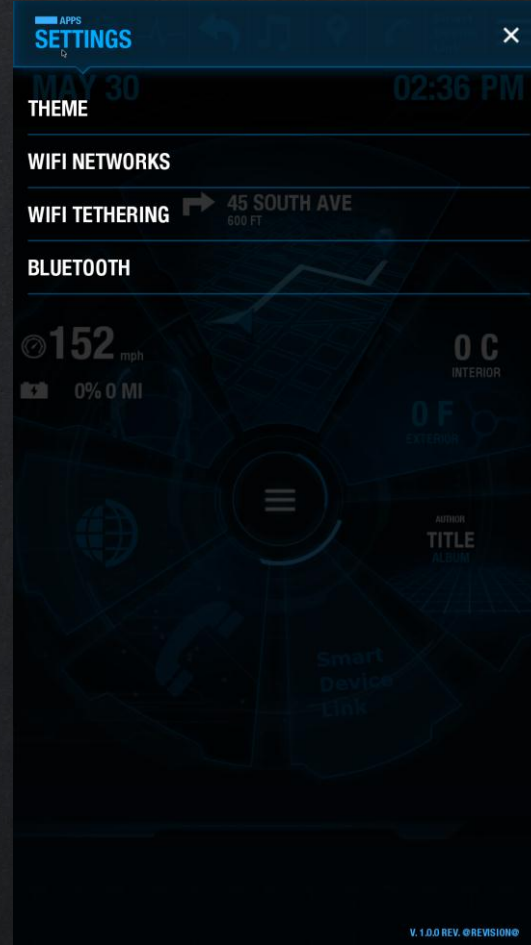
Dashboard

- Displays various vehicle statuses such as tire position, child lock status, and exterior light



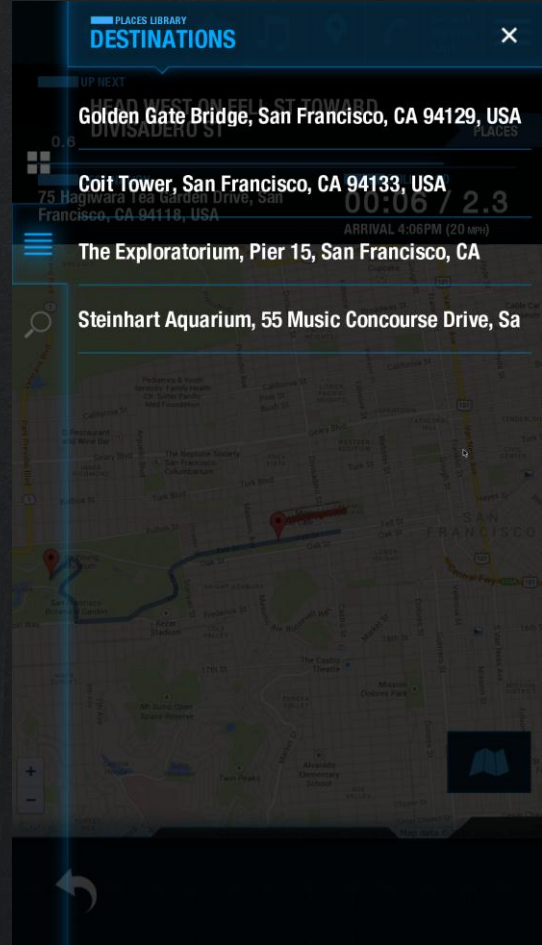
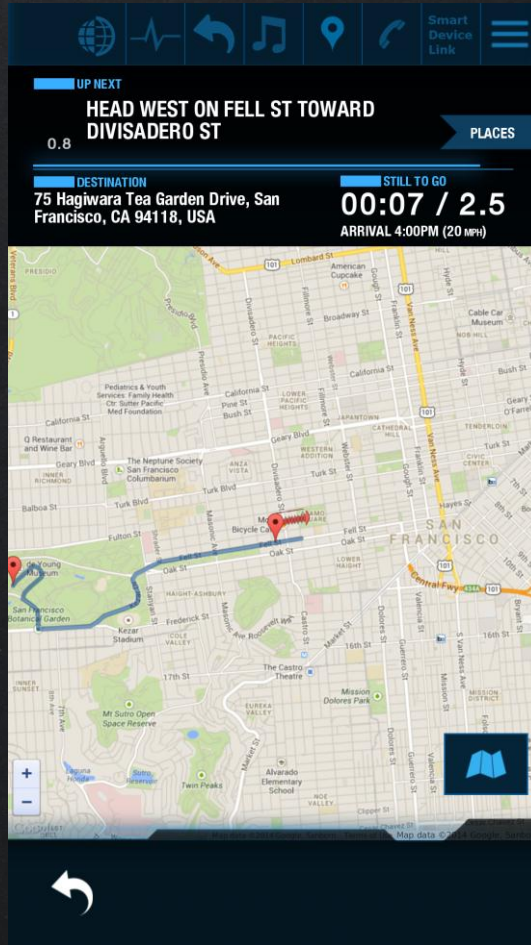
Settings

- Used for setting up Bluetooth and Wifi
- Allows for theme changes
- Accessible from all parts of Modello



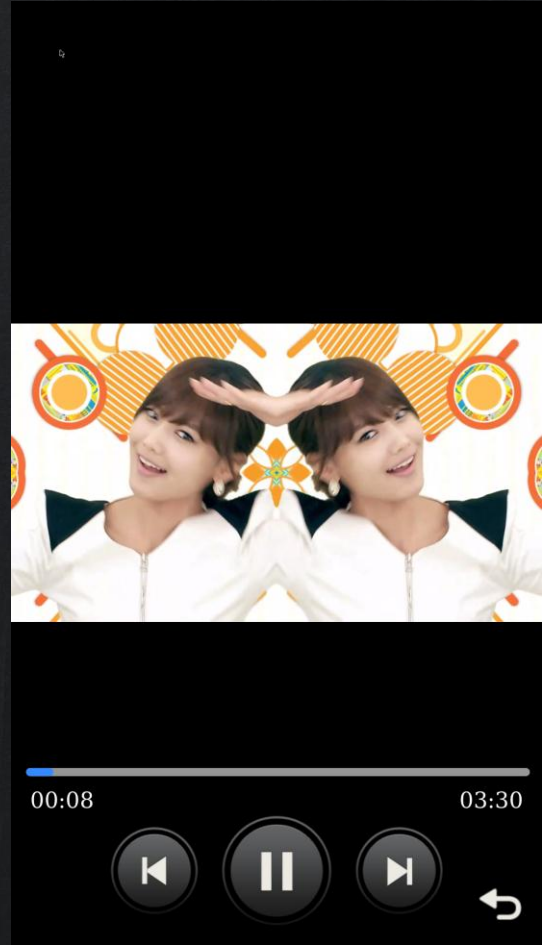
Navigation

- Demonstrates what navigation would look like
- Turn by turn speech
- A selection of places to go
- Satellite or map view



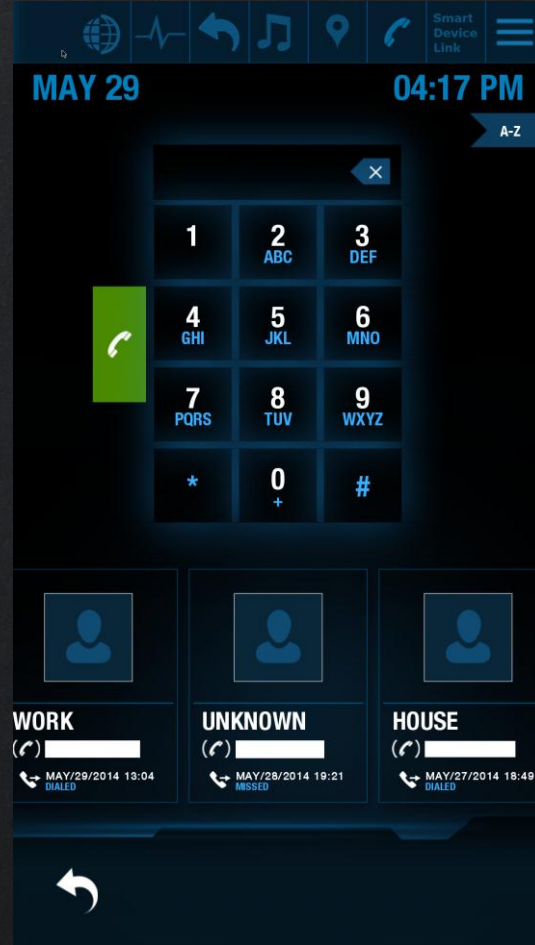
Multimedia Player

- Plays both audio and video
- Video can be fullscreen
- File list browser, sortable by name, artist, or filename
- Supports both local files and DLNA remote media



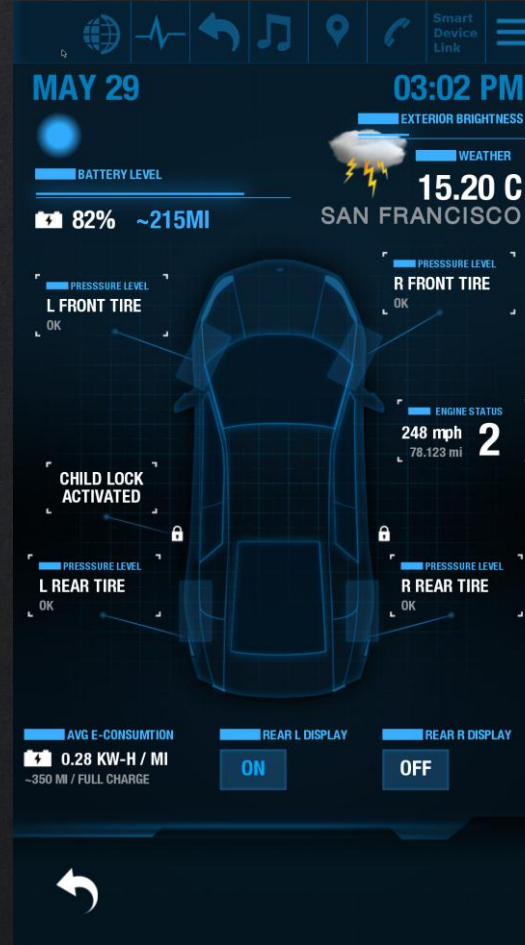
Phone

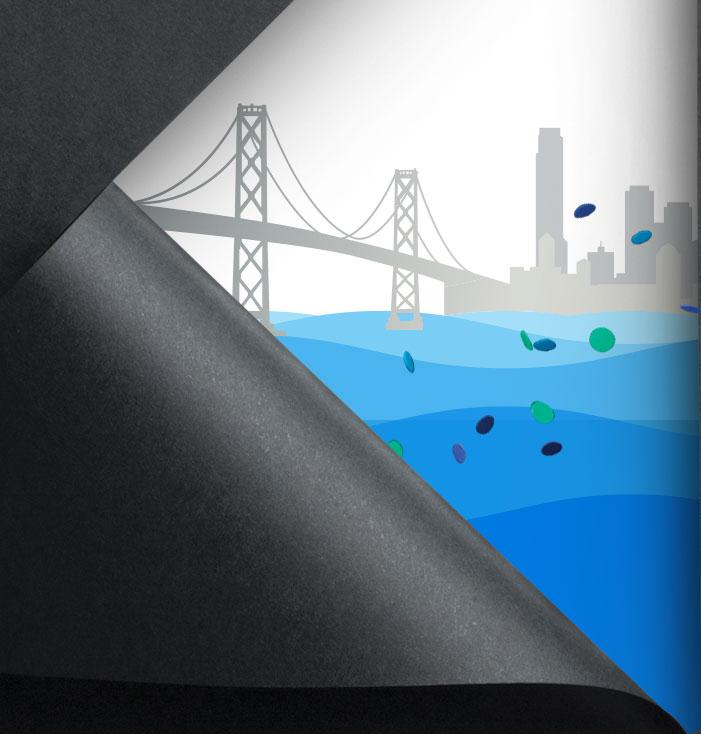
- Hands free dialing via Bluetooth
- Shows call history
- Contact list



Theming

- Blue and green themes
- Theme change is reflected in all the applications
- Theme changes are saved for the next time the system is booted






Some future plans



- **Multimedia – Multiuser support, last track, A2DP, AVRCP, voice controls, expanded DLNA features**
- **Dashboard and HVAC – Multiuser support, greater Automotive Message Broker (AMB) support**
- **All – Port to the next version of AMB, port to Crosswalk, add localization support**



How to install Modello and get involved

Getting set up

- **Install a Tizen IVI image (April 22nd or newer) from download.tizen.org**
- **Note: April 22nd is WRT based, all others use Crosswalk**
- **To get the entire Modello suite of apps use:**
 - `'zypper install -t pattern ivi-ux-modello-ui'`
- **To pick and choose your apps:**
 - `'zypper install Modello_<appName>'`
 - `'zypper install Modello_Installer-xwalk'` if you are on a Crosswalk image.

Getting set up

- **To get the latest version of Modello, change to the snapshot repo before installation:**
 - 'zypper mr -d ivi-daily'
 - 'zypper mr -e ivi-snapshot'
 - 'zypper refresh'
- **For Crosswalk Launching**
 - xwalkctl
 - xwalk-launcher <appID>
- **For WRT Launching**
 - wrt-launcher -l
 - wrt-launcher -s <appID>

Getting set up

- Code is located in `/home/app/.config/xwalk-service/applications/<appID>/` for Crosswalk images
- Code is located in `/opt/usr/app/<appName>/res/wgt/` for the April 22nd image

Contact and Wiki

Tizen IVI mailing list – ivi@lists.tizen.org

Wiki – wiki.tizen.org/wiki/IVI/Modello

Report bugs - <http://bugs.tizen.org>

Brian J Jones – brian.j.jones@intel.com

Be sure and check out the demos at the Tech Showcase



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