Panasonic

Panasonic Avionics Corporation

26200 Enterprise Way, Lake Forest, CA 92630 USA

CAGE Code 1UL05

Export of this technology is controlled under the United States Export Administration Regulations (EAR) (15 CFR 730-774). An export license may be required before it is used for development, production, or use by foreign persons from specific countries. The controller of this data has the individual responsibility to abide by all export laws.

ECCN: 9E991

GUI REQUIREMENTS DOCUMENT

for the

AMERICAN AIRLINES

eXC/eXW PORTAL

560556-582-347

Revision A

70 Pages

GUI REQUIREMENTS DOCUMENT

for the

AMERICAN AIRLINES

eXW/eXC PORTAL

October 13, 2016

Prepared by:

PANASONIC AVIONICS CORPORATION
26200 Enterprise Way
Lake Forest, CA 92630
USA

REVISION HISTORY

REV	DATE	REASON FOR REVISION
A	October 13, 2016	Initial Release.

TABLE OF CONTENTS

1.0 INTRODUCTION 6
2.0 GENERAL SYSTEM AND HARDWARE REQUIREMENTS 9
3.0 GRAPHICAL USER INTERFACE – LAPTOP/TABLET 11
Portal Sitemap 11
Landing Page 12
Live News Categories 16
Live News Articles 18
Weather Forecast 20
Entertainment 22
Terms of Use 34
Privacy Policy 35
FAQs + Customer Care (same page) 36
Contact Us 37
Site Map 38
Satellite Coverage Map 39
Error Message 40
4.0 GRAPHICAL USER INTERFACE – MOBILE PHONE 41
Portal Site Map 41
Landing Page 42
Live News Categories 44
Destination Weather 47
Mobile - Entertainment 49
Terms of Use 60
Privacy Policy 61
FAQs + Customer Care (same page) 63
Contact Us 65
Sitemap 66
Satellite Coverage Map 67
Error Message 68
Appendix Browser Support (Laptop & Netbook) 69
IOS SUPPORTED DEVICES 69
ANDROID SUPPORTED DEVICES 69
BROWSER SUPPORT 70

LIST OF FIGURES

Figure 1: Portal Site Map – Laptop/Tablet 11
Figure 2: Landing page 12
Figure 3: Live New Categories 16
Figure 4: Live News Articles 18
Figure 5: Weather Forecast 20
Figure 6: Terms of Use 34
Figure 7: Privacy Policy 35
Figure 8: FAQs + Customer Care 36
Figure 9: Contact Us 37
Figure 10: Sitemap 38
Figure 11: Satellite Coverage Map 39
Figure 12: Error Message 40
Figure 13: Portal Sitemap - Mobile 41
Figure 14: Landing page - Mobile 42
Figure 15: Live News Categories – Mobile 44
Figure 16: Live News Articles – Mobile 46
Figure 17: Destination Weather - Mobile 47
Figure 18: Terms of Use - Mobile 60
Figure 19: Privacy Policy -Mobile 61
Figure 20: FAQs + Customer Care – Mobile 63
Figure 21: Contact Us - Mobile 65
Figure 22: Portal Sitemap - Mobile 66
Figure 23: Satellite Map - Mobile 67
Figure 24: Error Messages - Mobile 68

1.0 INTRODUCTION

Purpose

The purpose of this document is to illustrate the system functionality and features of the Graphical User Interface (GUI) for the eXconnect Portal developed for American Airlines by Panasonic Avionics Corporation (PAC). This document includes GUI for Internet services provided by the Wireless Internet Service Provider (WISP).

This document outlines the GUI designs for the eXconnect Portal accessible via passenger's personal devices. Both a laptop/tablet version and a mobile phone version of the portal will be supported for Phase 1.

Scope

The document is intended to represent how the portal is designed to work from the perspective of the user. The document is limited in this respect and does not consider system administration, content management or back-end functionality.

Acronyms and Abbreviations

AAA	Authentication, Authorization, Accounting
A/C	Aircraft
CPS	Content Publishing System
EIS	Entry Into Service
GUI	Graphical User Interface
HW	Hardware
IFE	In-flight Entertainment System
PAC	Panasonic Avionics Corporation
PAX	Passenger
PRD	Product Requirements Document
SW	Software
TBD	To be determined
WISP	Wireless Internet Service Provider

Definitions

Wireless Internet Service Provider – The Wireless Internet Service Provider (WISP) provides the AAA service including the sign up mechanism for new customers (PAX) and the sign in process for existing account holders. The WISP processes all credit card transactions and corporate account billing and provides customer support, including but not limited to billing dispute resolution.

Portal – The default landing page and Walled Garden experience associated with the eXConnect system and service.

Walled Garden – The section(s) of the Portal available to the user without going through the paid internet gateway of the WISP.

Whitelisting – Airlines-selected list of web sites that is available to PAX. *White listing is an inherent capability of the eXConnect system to accommodate a list of specific Domains and/or URLs that may be accessed by PAX without going through the paid internet gateway of the WISP.*

2.0 GENERAL SYSTEM AND HARDWARE REQUIREMENTS

Screen Resolution

The minimum laptop and netbook screen resolution supported by the Portal shall be 1024 pixels wide x 768 pixels high.

The minimum mobile phone screen resolution supported by the Portal shall be 320 pixels wide x 480 pixels high.

Browser Support (Laptop & Netbook)

The Portal shall be optimized for use with the browsers listed in the Appendix.

Language requirements

Supported Languages

English	Phase 1
Portuguese	Phase 1
Spanish	Phase 2
Korean	Phase 2
Italian	Phase 2
French	Phase 2
German	Phase 2
Japanese	Phase 2
Simplified Chinese	Phase 2
Traditional Chinese	Phase 2

All content provided by AAL can be translated via the portal. Translation for content sourced from a data feed is subject to availability and program limitations.

Default Language

Default language for the Portal shall be English.

Layout requirements

Portal content shall be centered on the PED screen at all times.

Elements that are repeated throughout the portal are not identified again for each page. Unless otherwise specified, all elements present in the attached figures are required, inheriting behavior and description of previous definition.

Specific definitions of fonts and colors are to be provided by American Airlines. In addition, a separate requirements document for the element behavior based on user interaction (hover-over effects, etc) will be supplied by American Airlines.

SSID

SSID is the Wi-Finetwork name that will appear on passengers PED when attempting to connect onboard.

SSID Name: AAInflight
SSID Type: Public

Portal Domain URL

AA is requested to register a unique domain name and use it for the onboard portal. A ground

webserver may host this domain name and be used for AA marketing purpose. Onboard portal will only be accessible when in-flight.

Domain Name: www.aainflight.com

3.0 GRAPHICAL USER INTERFACE – LAPTOP/TABLET

Portal Sitemap

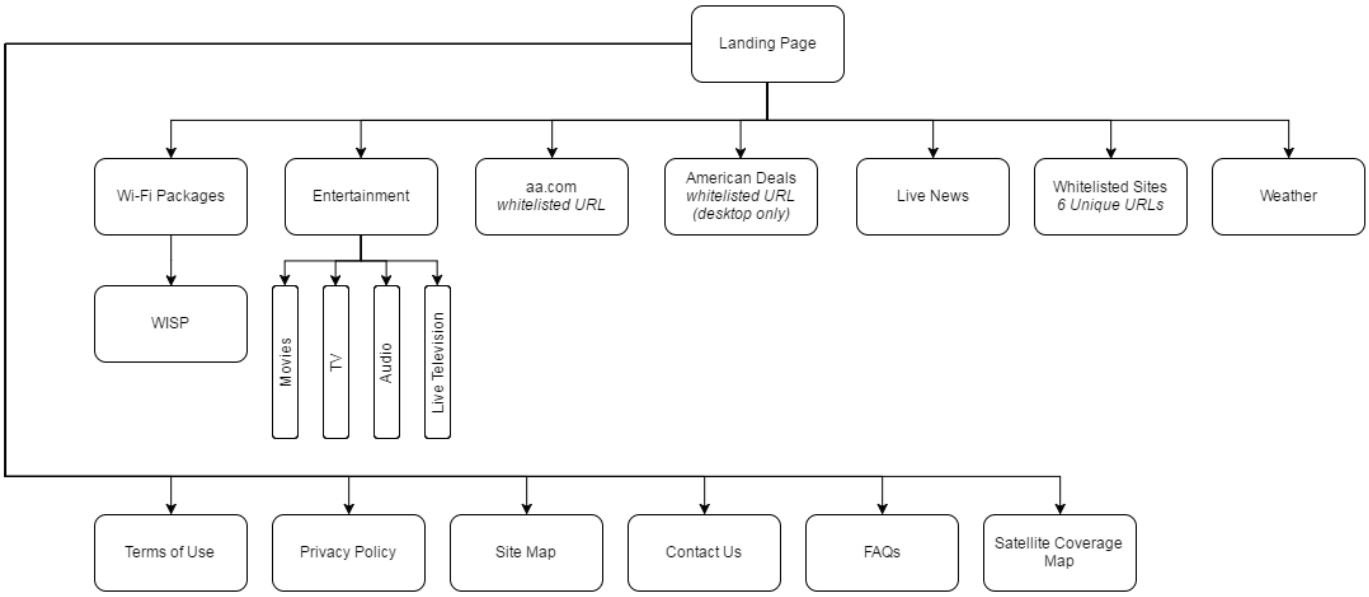


Figure 1: Portal Site Map –Laptop/Tablet

Landing Page

Figure 2: Landing page

Item	Element	Selectable	Description/Action
1.	American Airlines Logo	No	No action. When not on landing page, logo returns to this page and opens in the same window.
2.	Home	No	No action. Highlighted in blue to indicate page selection. When not on landing page, button is not highlighted, but turns blue when hovered over or selected. Button returns to Home page and opens in the same window.
3.	WiFi Packages	Yes	Button turns blue when hovered over or selected and launches Panasonic Avionics payment portal page immediately when button is clicked.

4.	Entertainment	Yes	Takes the user to the entertainment page. Note: This button is available only on eXW aircraft.
5.	AA.com	Yes	Launches aa.com in a new tab.
6.	American Deals	Yes	Button turns blue when hovered over or selected and launches a new window for Promotions site, a whitelisted site.
7.	Live News	Yes	Launches Live News page, button turns blue when hovered over or selected and opens in the same window.
8.	Language Selection	Yes	Changes language between English, Portuguese (phase 2 - Spanish, Korean, Italian, French, German, Japanese, Simplified Chinese and Traditional Chinese) on all subsequent pages, within the same window where the language change took place.
9.	Wi-Fi Sign in	Yes	Launches the Panasonic Avionics payment portal page immediately when button is clicked. Button has an on and off state when hovered over.
10.	Origin/Destination Cities	No	No action.
11.	Time to Destination	No	Content is automatically updated by the system when the page is refreshed.
12.	Destination Weather	Yes	Displays the current weather condition at destination. Temperature will show in both Celsius and Fahrenheit, weather icon only. When clicked, button turns blue when hovered over or selected and launches Weather Forecast page in the same window with destination weather displayed by default highlighted in blue. *Temperature in Fahrenheit to be displayed above Celsius (image shown above is not accurate).*
13.	Connection Status/Time Remaining	No	Connection status is automatically updated and scrolled through the allocated space.

14.	Pass Pricing / Connect	Yes	Pricing info and description of the available WiFi packages are dynamically loaded from the Inflight API. Also the target urls of the "Buy" buttons are dynamically generated and launch the package specific Panasonic Avionics payment page. The "Have a pass" and "View all passes" buttons launch the main page of the Panasonic Avionics Payment pages where the users can browse among the available packages and WiFi information in the currently selected language.
15.	Live News	Yes	When hovered over or selected, the Category & More News Categories buttons highlight in blue and the text + arrow on the buttons change to white. When any of the buttons are clicked, launches Live News page and opens in the same window. Six categories will display in exact order shown above, as long as related articles for each category exists. Font for all buttons should be bolded pre- highlighted/selected state. Live News title bar is not clickable.
16.	AA designated images (6 images total)	Yes	Launches AA-designated URLs for each image, URLs are whitelisted. Home: https://www.aa.com/homePage.do?infl=pan_home Airport Info: https://www.aa.com/i18n/travelInformation/destinationInformation/airportInformation.jsp?infl=pan_airportinfo Gates and Times: https://www.aa.com/travelInformation/flights/status?infl=pan_flightstatus Book Flights: http://mobile.aa.com/mt/www.aa.com/reservation/roundTripSearchAccess.do?infl=pan_bookflights AAdvantage Homepage: https://www.aa.com/i18n/AAdvantage/index.jsp?infl=pan_loyaltyhome Admirals Club: https://www.aa.com/i18n/travelInformation/airportAmenities/AdmiralsClub.jsp?infl=pan_admiralsclub Book Cars: https://www.aa.com/car?infl=pan_bookcar Buttons highlight in blue when hovered over or selected and opens in a new window. American Airlines Information title bar is not clickable.

17.	Advertisement #1	Yes	Launches OneMedia advertisement, to be populated and defined via OneMedia tool. If advertisement is linked to a micro-site or a whitelisted link, content opens in a new window. Exact behavior (e.g. action, rotation between multiple advertisements within the same ad space) is determined by the OneMedia tool.
18.	Advertisement #2	Yes	Same as #19 of Landing Page.
19.	Advertisement #3	Yes	Same as #19 of Landing Page.
20.	AA Copyright Footer	No	No action.
21.	Footer Links	Yes	Launches Terms of Use, Privacy Policy, Site Map, Contact Us, FAQs, Satellite Coverage Map. All links to named pages open in the same window. When hovered over selected, the links shall underline. When on a page, the selected link shall be clickable.

Live News Categories

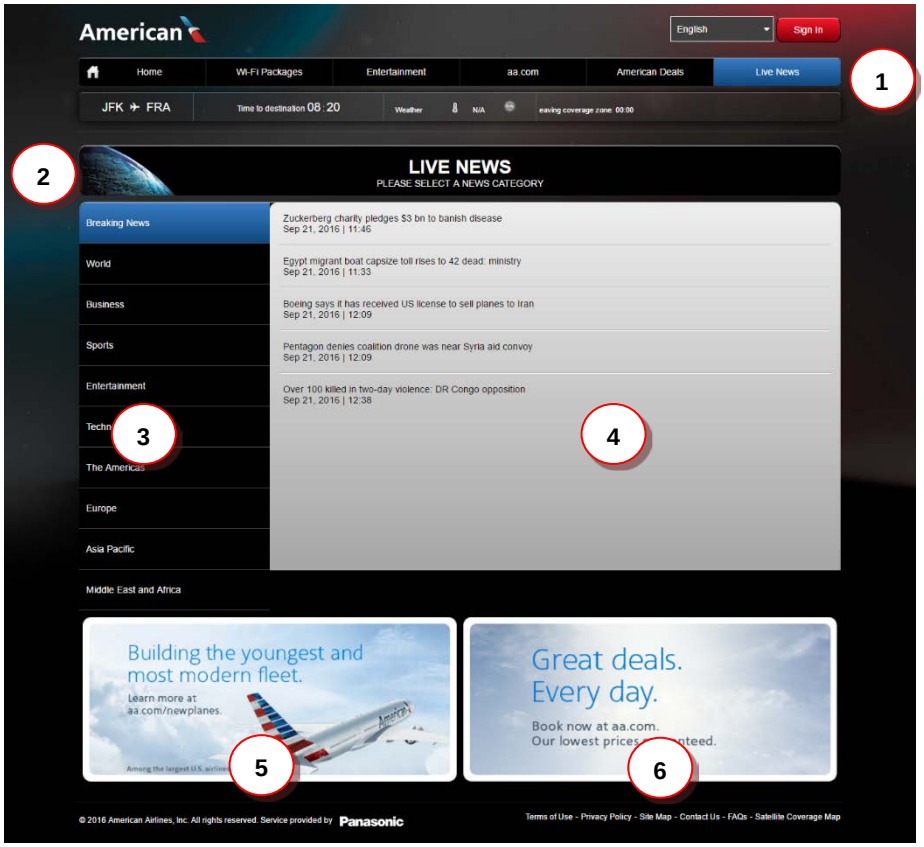


Figure 3: Live New Categories

Item	Element	Selectable	Description/Action
1.	Live News button in navigation menu	No	Highlighted in blue to indicate current page selection.
2.	Live News Title bar	No	No action.
3.	News Categories	Yes	The news categories are dynamically generated and come from the LTN feed. The list of categories changes as per the current LTN feed. Button is highlighted in blue when hovered over or selected and Category `World` is set as the default for the page. News articles for the World category are displayed when this page is launched by clicking the Live News tab or More News Categories button on the Home page. However, if a specific news category is selected from the Home page, the headlines for that category will be displayed. When a news category button is clicked, up to 10 news articles (as long as related articles for selected category exist) within the category display to the right.

4.	Headlines	Yes	Displays up to 10 available headlines (as long as related articles for selected category exist) for the selected category. The headlines are also dynamically generated and come from the LTN feed. Timestamp received from news source is displayed beneath the headline in GMT. Headline will display in single line only within the allocated space, and will be truncated if longer than space availability. Headline + timestamp shall be highlighted in blue when hovered over or selected.
5.	Advertisement #1	N/A	Same as #19 of Landing Page.
6.	Advertisement #2	N/A	Same as #19 of Landing Page.

Live News Articles

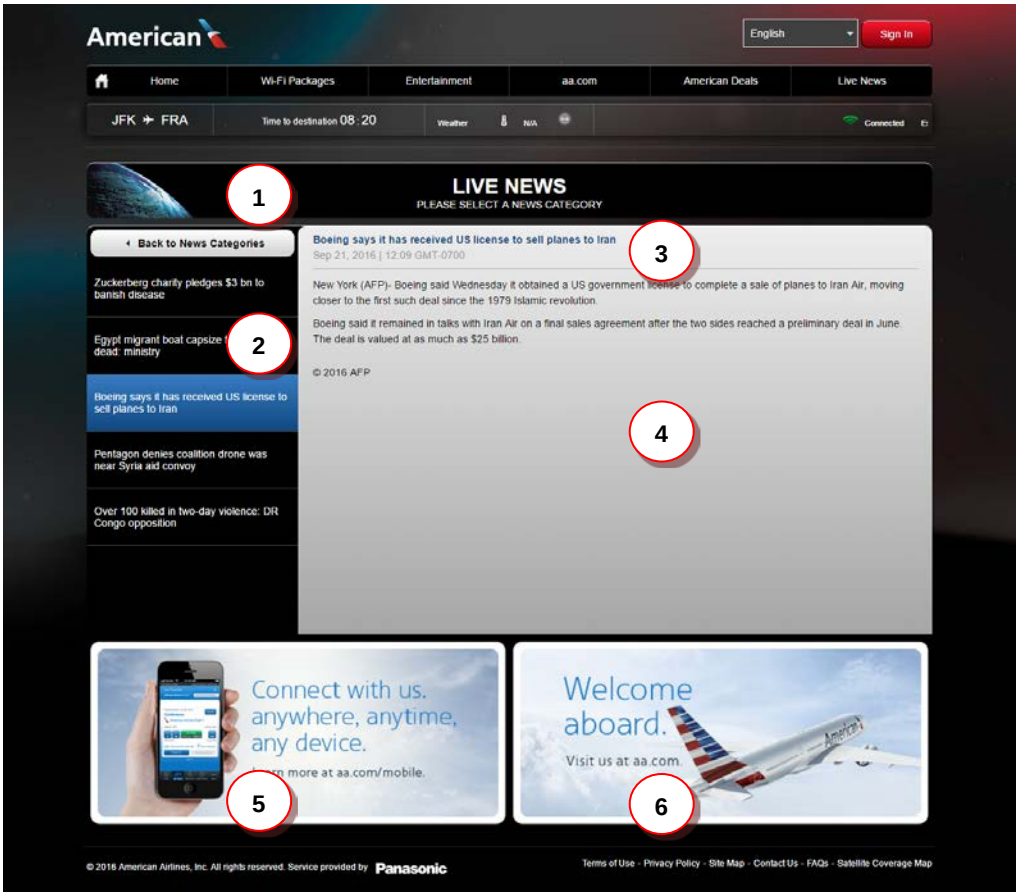


Figure 4: Live News Articles

Item	Element	Selectable	Description/Action
1.	Back to News Categories Button	Yes	Back to News Categories button, highlights in blue and text + arrow on button change to white when hovered over, opens in the same window. System will not remember the previous category selection, defaulting to category `World`.
2.	Headline List	Yes	All headlines in the selected category are listed. Maximum 1 line of text in the width allocated. Headline will be truncated if longer than available space. Headline highlights in blue when hovered over or selected and Article displays to the right.
3.	Article Headline	No	No action. Headline and timestamp in GMT will appear at the top. Headline is displayed in blue.
4.	Article	No	Selected article is displayed. Text only. Page automatically stretches to accommodate length of the full article. Advertisements (items #5 and #6) will be pushed lower on the page. [5]
5.	Advertisement #1	N/A	Same as #19 of Landing Page.

6.	Advertisement #2	N/A	Same as #19 of Landing Page.

[5] Live Text News is only available in English.

Weather Forecast

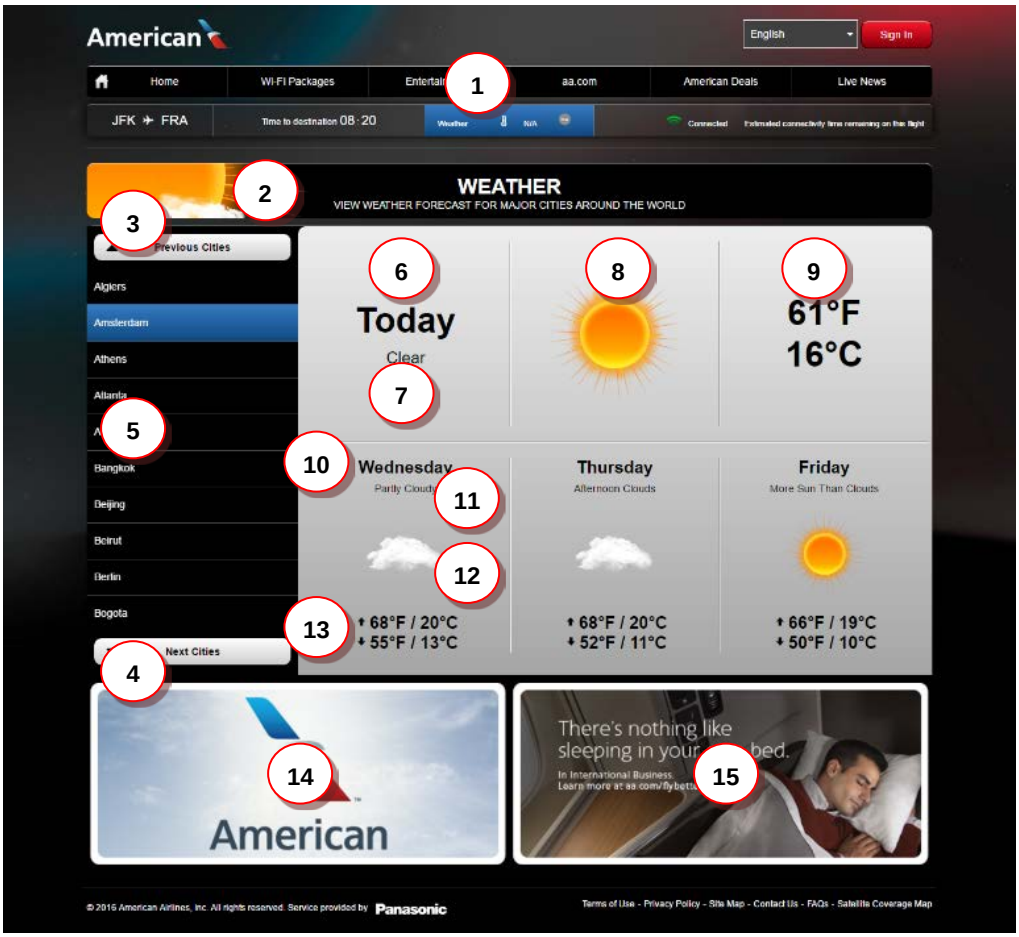
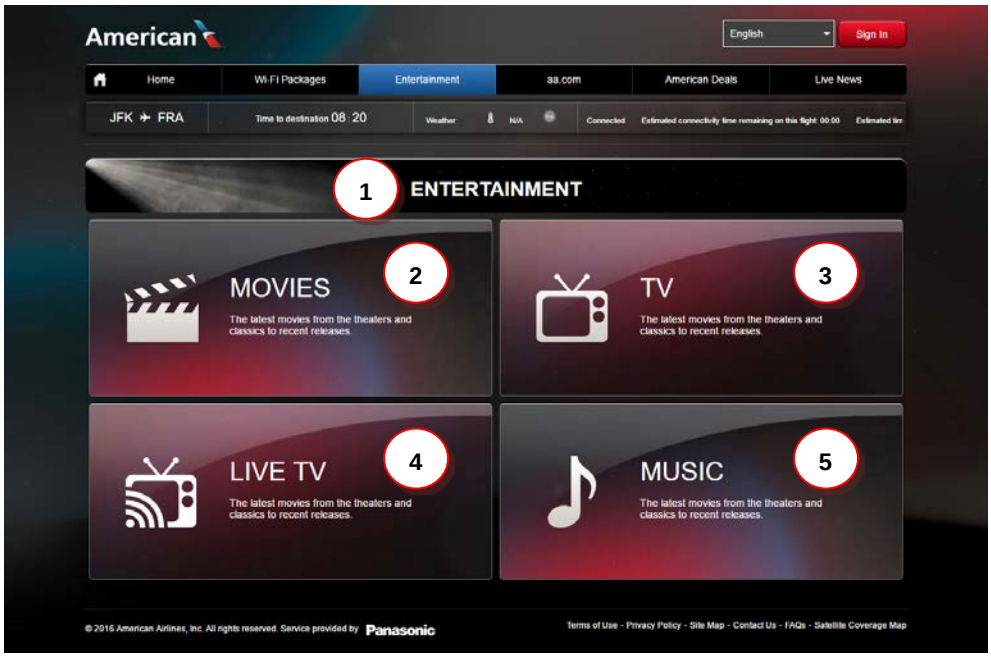


Figure 5: Weather Forecast

Item	Element	Selectable	Description/Action
1.	Destination Weather button in navigation menu	No	Highlighted in blue to indicate current page selection. Content in button shall remain consistent as defined for Landing Page.
2.	Weather Title bar	No	No action.
3.	Previous Cities	Yes	Scrolls up to display previous list of city names with available weather information. Button is highlighted in blue and text + arrow on button change to white when hovered over or selected. City names are listed in alphabetical order. [6]
4.	Next Cities	Yes	Scrolls down to display next list of city names with available weather information. Button is highlighted in blue and text + arrow on button change to white when hovered over or selected. City names are listed in alphabetical order.
5.	City Names	Yes	Displays the list of city names with weather information. City name is highlighted in blue when hovered over or selected.
6.	Label `Today`	No	No action.
7.	Weather Condition	No	Current weather condition of selected city.

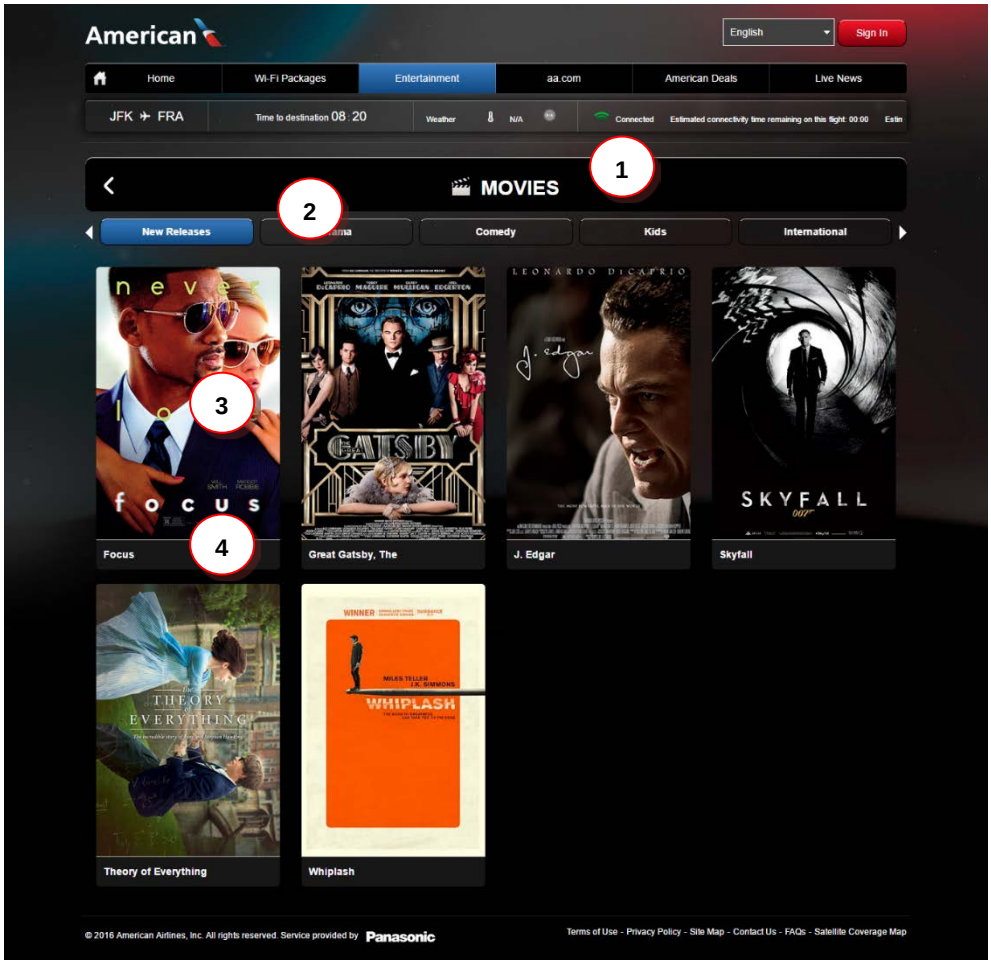
8.	Weather Icon	No	Current weather condition in graphical icon of the selected city.
9.	Current Temperature	No	Current temperature, in both Celsius and Fahrenheit, of the selected city.
10.	Day of Week	No	Day of week weather forecast for selected city.
11.	Weather Condition	No	Weather condition forecasted for selected city.
12.	Weather Icon	No	Weather condition, in graphical icon, for selected city.
13.	High/Low Temperatures	No	High and Low temperatures of the day, in both Celsius and Fahrenheit, for the selected city.
14.	Advertisement #1	N/A	Same as #19 of Landing Page.
15.	Advertisement #2	N/A	Same as #19 of Landing Page.

Entertainment



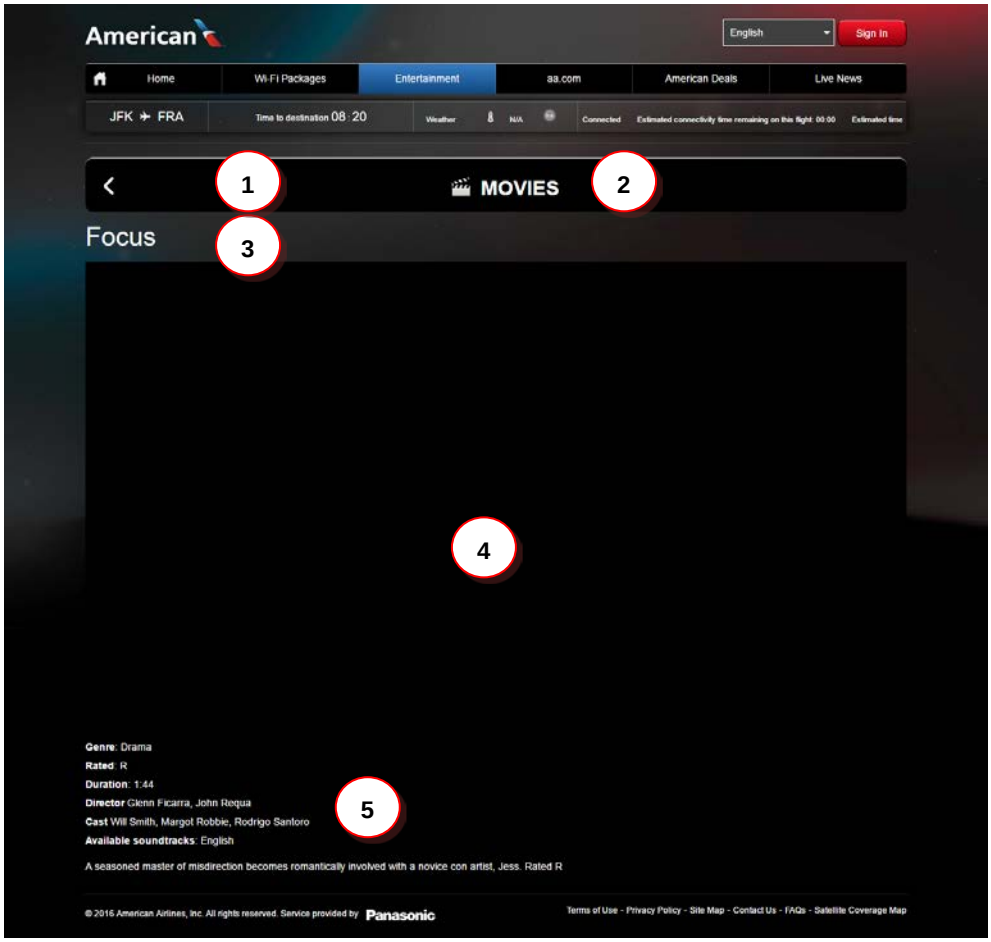
Item	Element	Selectable	Description/Action
1.	Entertainment page title	No	Title of the page
2.	Movies button	Yes	Takes the user to the movies page
3.	TV button	Yes	Takes the user to the TV series page
4.	Live TV button	Yes	Takes the user to the Live TV page
5.	Music button	Yes	Takes the user to the Music page

Entertainment – Movies



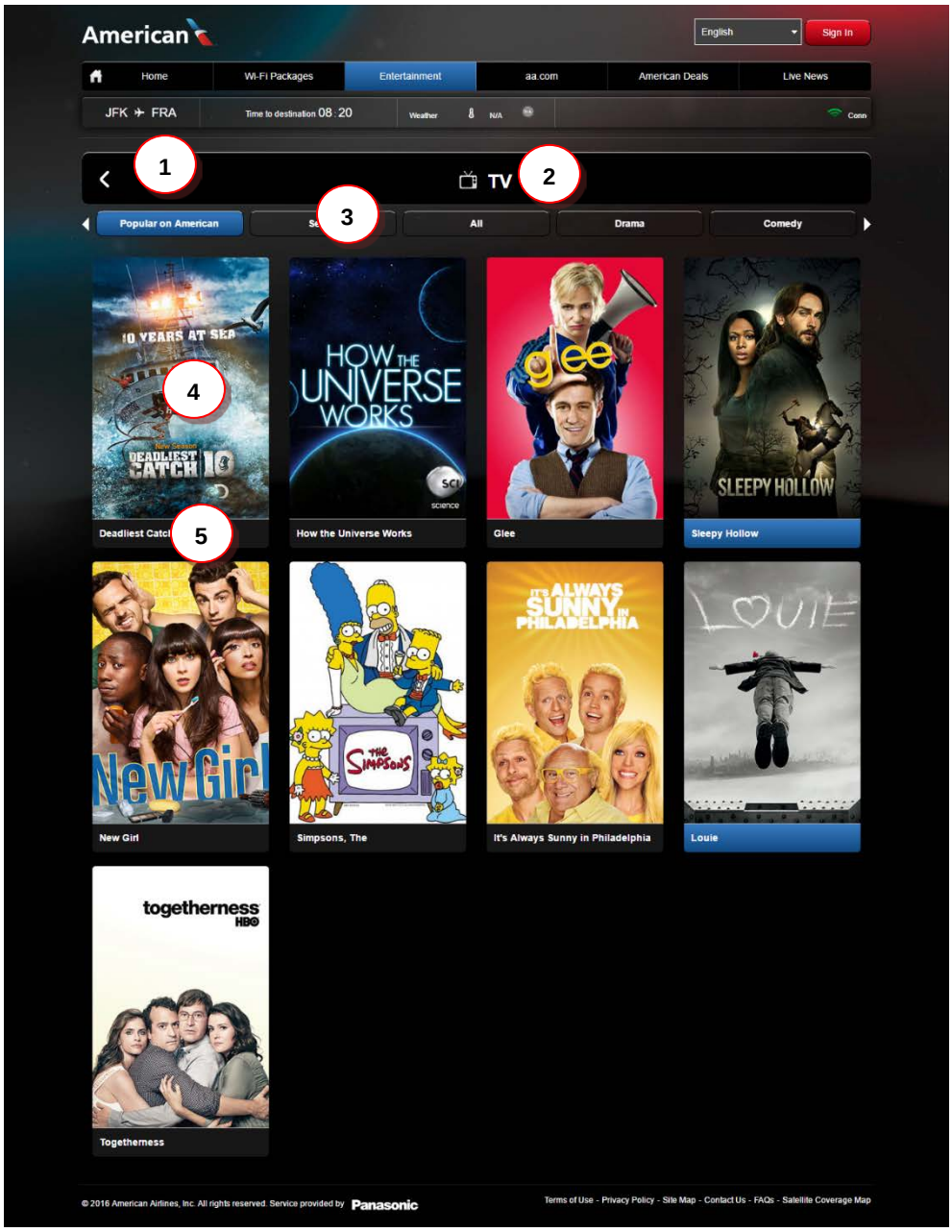
Item	Element	Selectable	Description/Action
1.	Page title	No	Title of the page
2.	Category selector	Yes	User can select between various categories
3.	Movie poster	Yes	By clicking, the user is taken to the movie player screen
4.	Movie title	Yes	Title of the movie. By clicking, the user is taken to the movie player screen

Movie player



Item	Element	Selectable	Description/Action
1.	Back button	Yes	This takes the user back to the movie selection page
2.	Page title	No	This is the tile of the page
3.	Movie title	No	This is the tile of the movie
4.	Video Player	Yes	The video player plays the movie when available
5.	Synopsys	No	Information about the movie based on the metatags available on the movie file

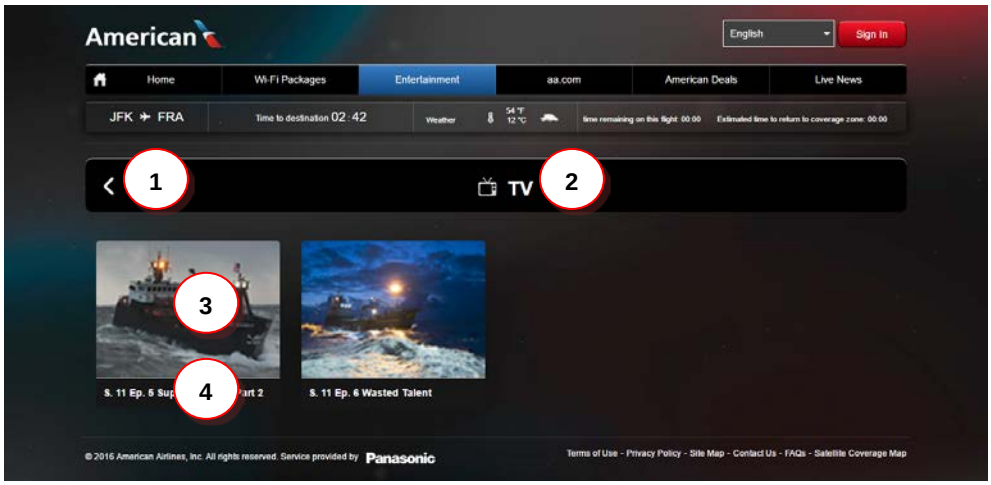
Entertainment – TV



Item	Element	Selectable	Description/Action
1.	Back button	Yes	This takes the user back to the previous screen
2.	Page title	No	Title of the page
3.	Category selector	Yes	User can select between various categories
4.	TV series poster	Yes	By clicking, the user is taken to the video player screen

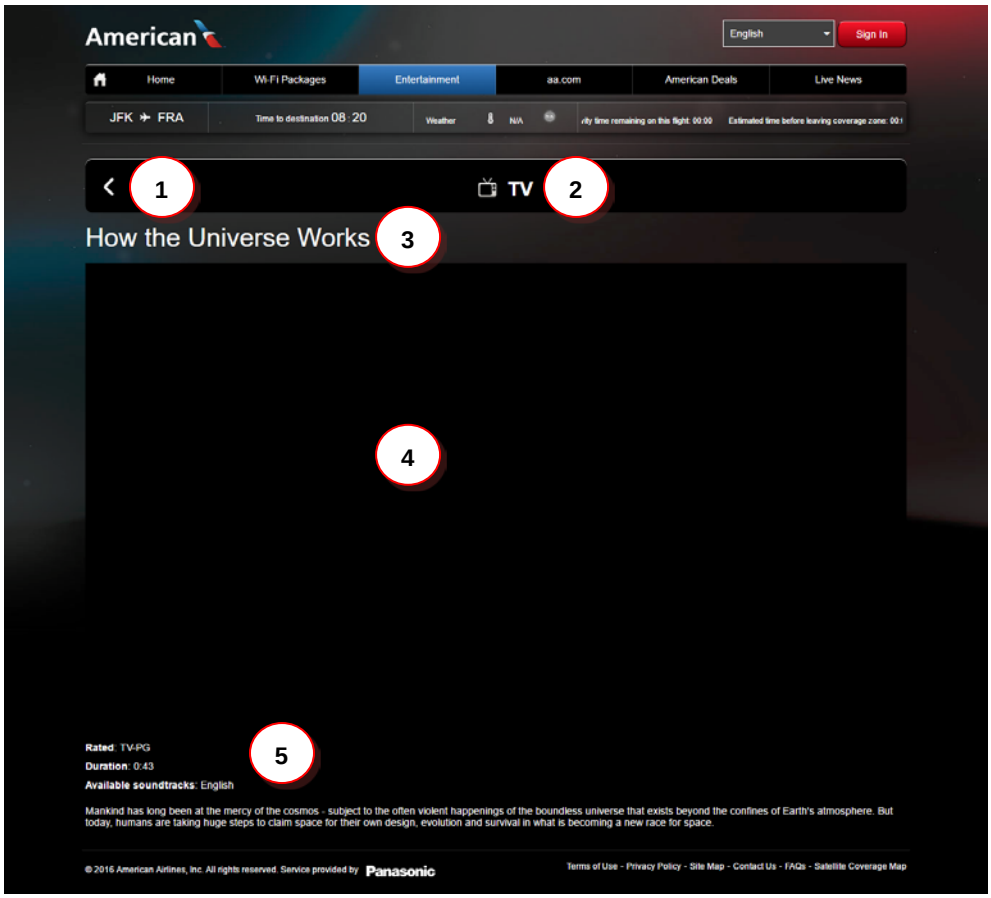
5.	TV series title	Yes	Title of the series. By clicking, the user is taken to the video player screen

TV Series episode listing



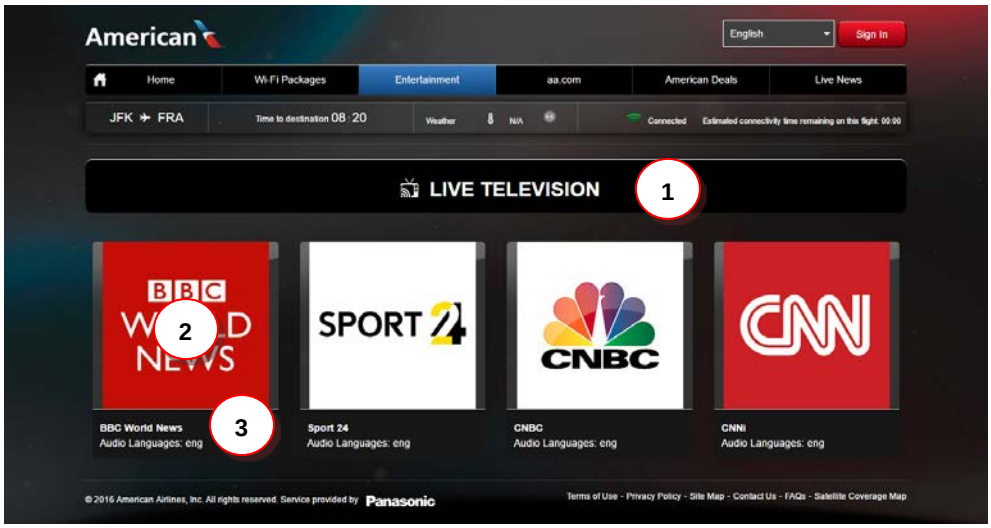
Item	Element	Selectable	Description/Action
1.	Back button	Yes	This takes the user back to the series selection page
2.	Page title	No	This is the tile of the page
3.	TV series episode thumbnail	Yes	This is the thumbnail image of the episode. When clicked episode starts playing
4.	TV series episode title	No	Title of the episode.

TV series player



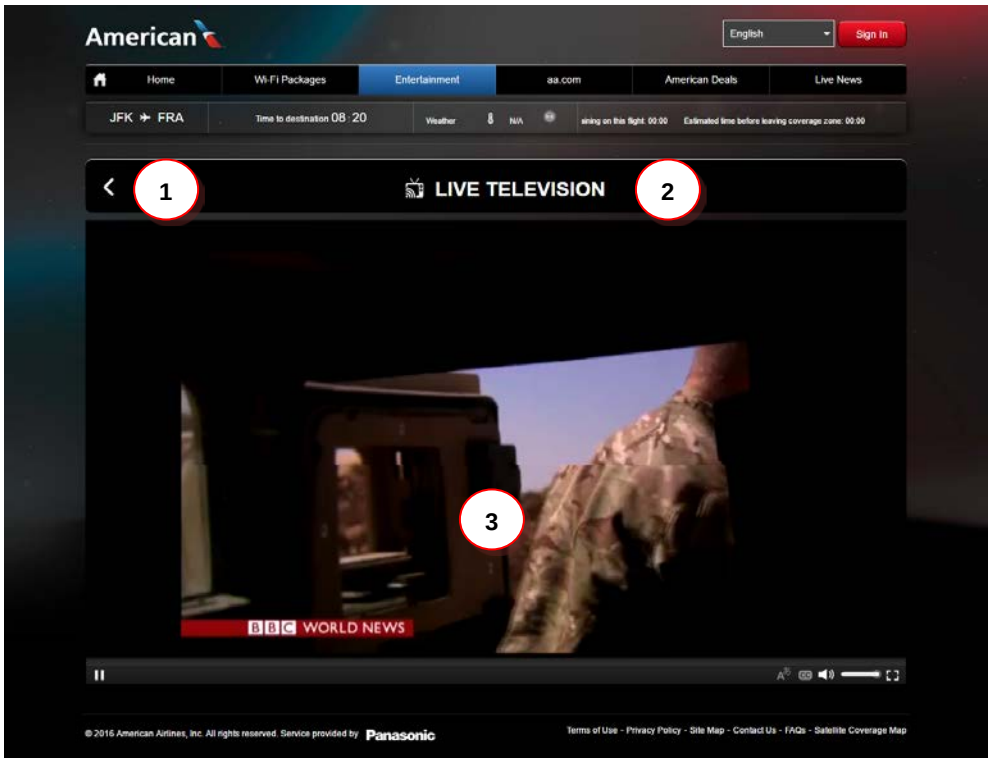
Item	Element	Selectable	Description/Action
1.	Back button	Yes	This takes the user back to the series selection page
2.	Page title	No	This is the tile of the page
3.	TV series title	No	This is the tile of the series
4.	Video Player	Yes	The video player plays the series when available
5.	Synopsys	No	Information about the series based on the metatags available on the video file

Entertainment – Live TV



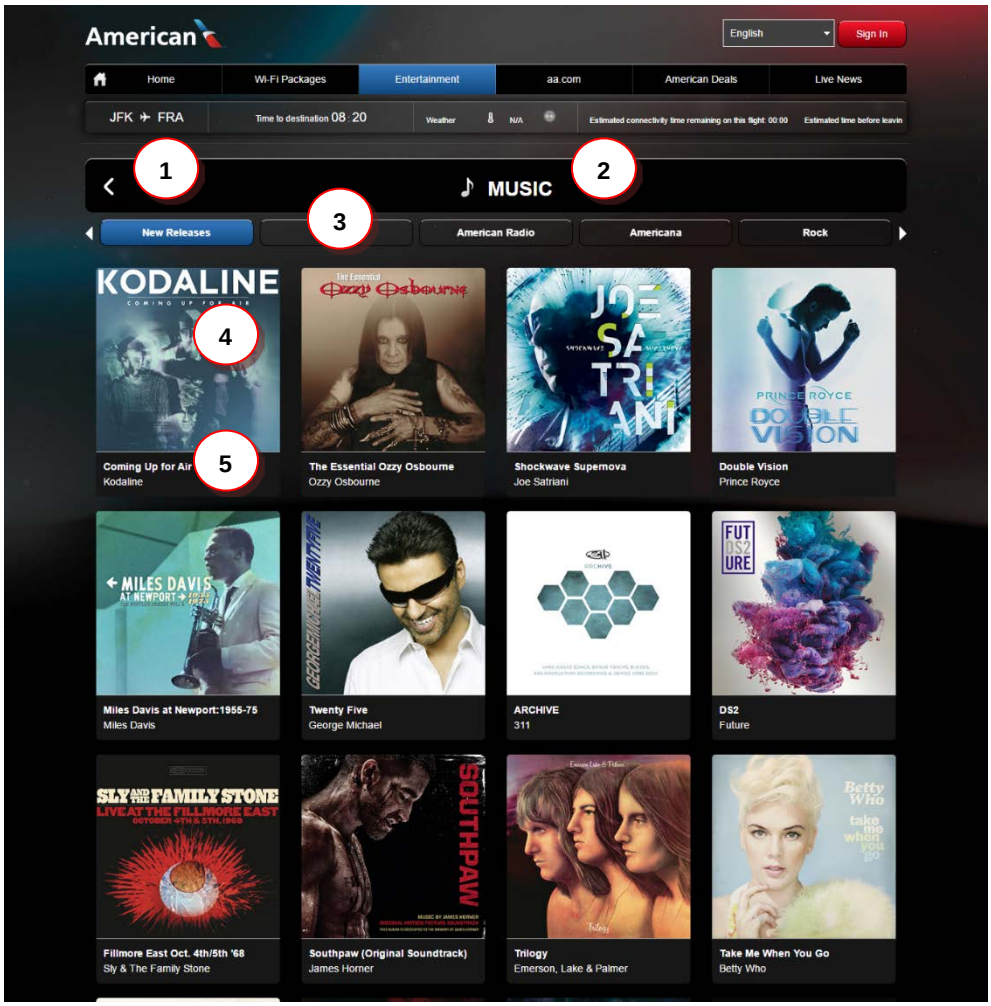
Item	Element	Selectable	Description/Action
1.	Page title	No	This is the tile of the page
2.	Title of channel	Yes	By clicking the user is taken to the live TV player
3.	Channel details	No	Channel title and channel language is displayed here, along with any additional metadata available on channel.

Live TV player



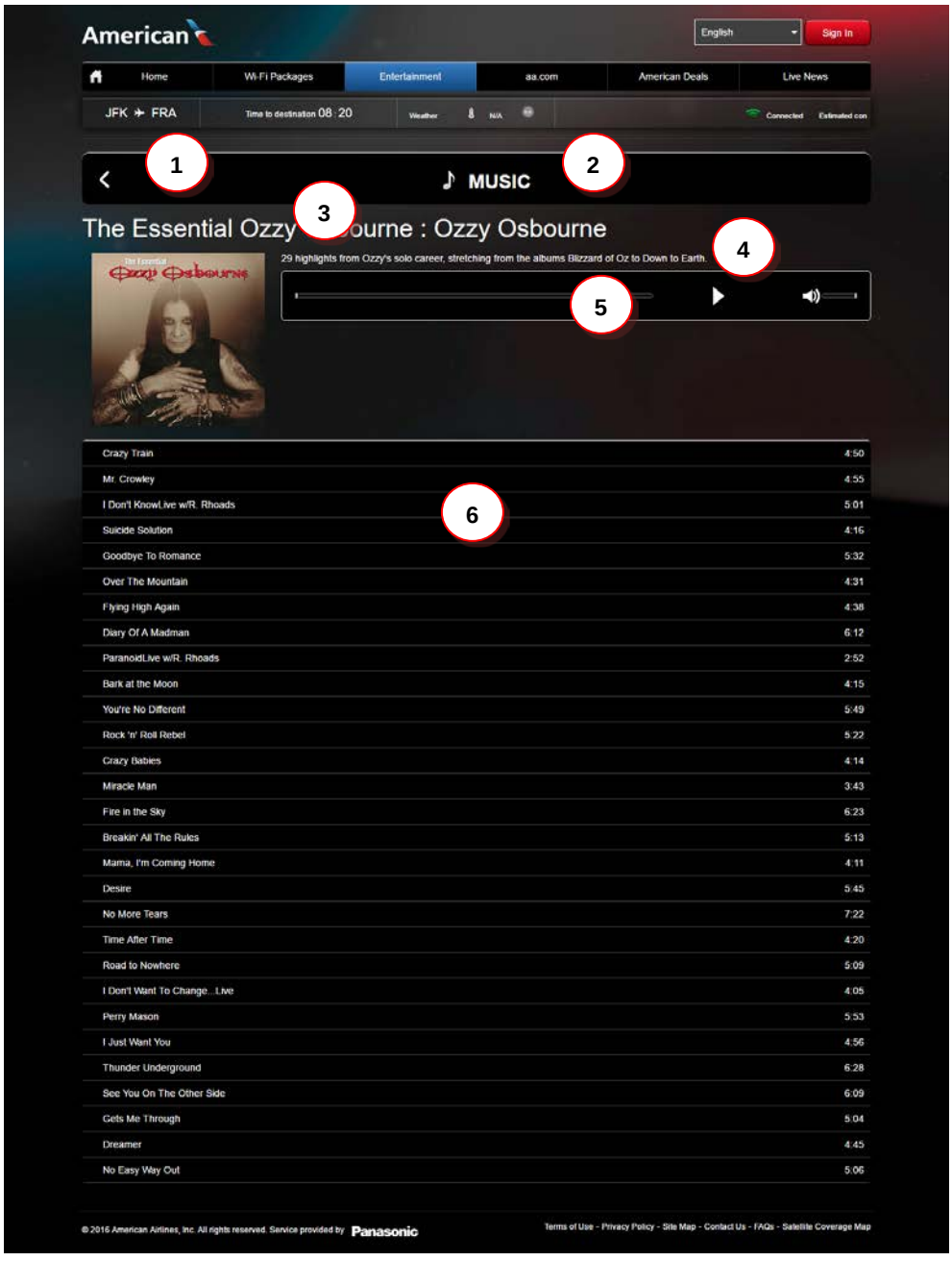
Item	Element	Selectable	Description/Action
1.	Back button	Yes	This takes the user back to the series selection page
2.	Page title	No	This is the tile of the page
3.	TV series player	Yes	This is the player with the default controls.

Entertainment – Music



Item	Element	Selectable	Description/Action
1.	Back button	Yes	This takes the user back to the previous screen
2.	Page title	No	Title of the page
3.	Category selector	Yes	User can select between various categories
4.	Album poster	Yes	By clicking, the user is taken to the music player screen
5.	Album details	No	Details that are available about the album.

Music player



Item	Element	Selectable	Description/Action
1.	Back button	Yes	This takes the user back to the previous screen
2.	Page title	No	Title of the page
3.	Album title	No	Title of the album
4.	Subtitle	No	Extensive title of the album
5.	Music player	Yes	The player controls. User can pause, skip into the song and set volume.

6.	List of songs on album	Yes	When clicked the selected song is played

Terms of Use

The same template applies to Customer Care and Privacy Policy.

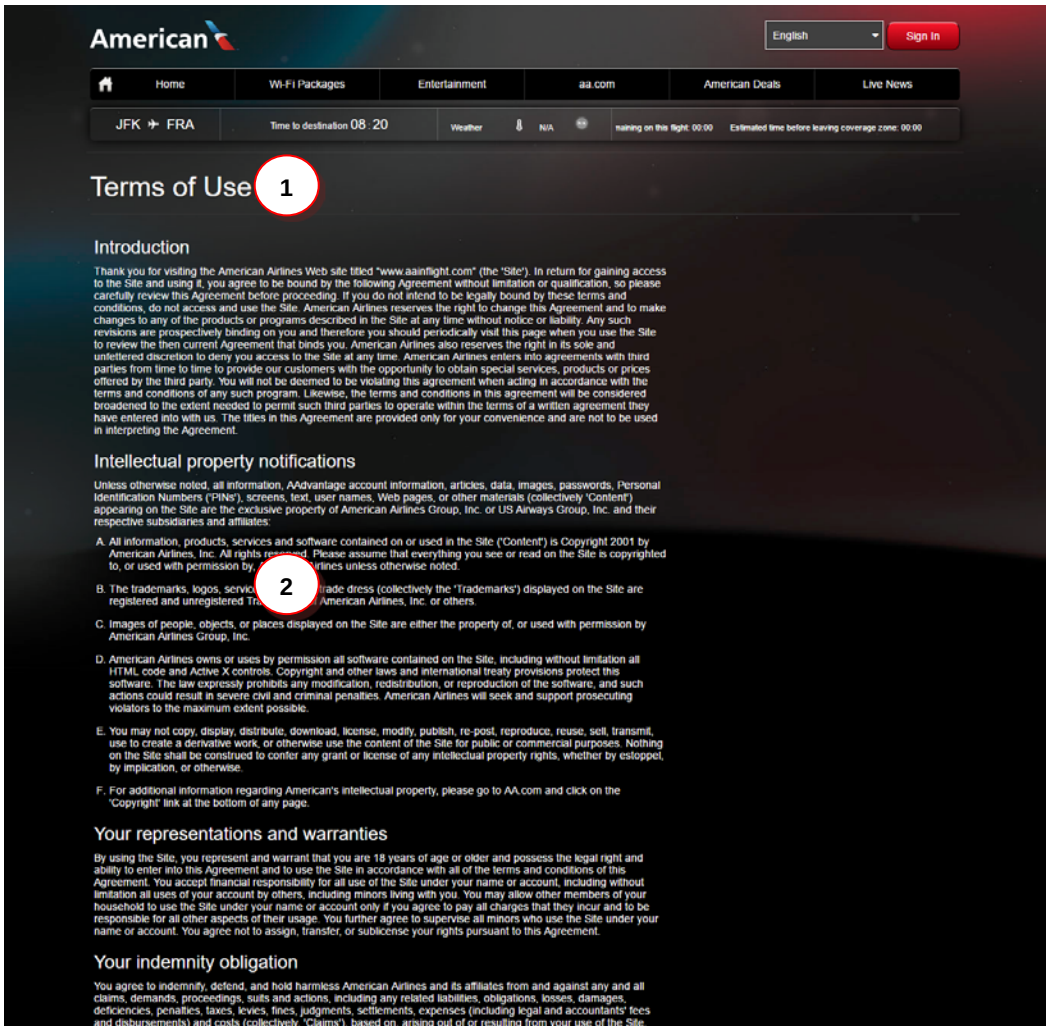


Figure 6: Terms of Use

Item	Element	Selectable	Description/Action
1.	Section Title	No	No action.
2.	Section Body	No	No action.

Privacy Policy

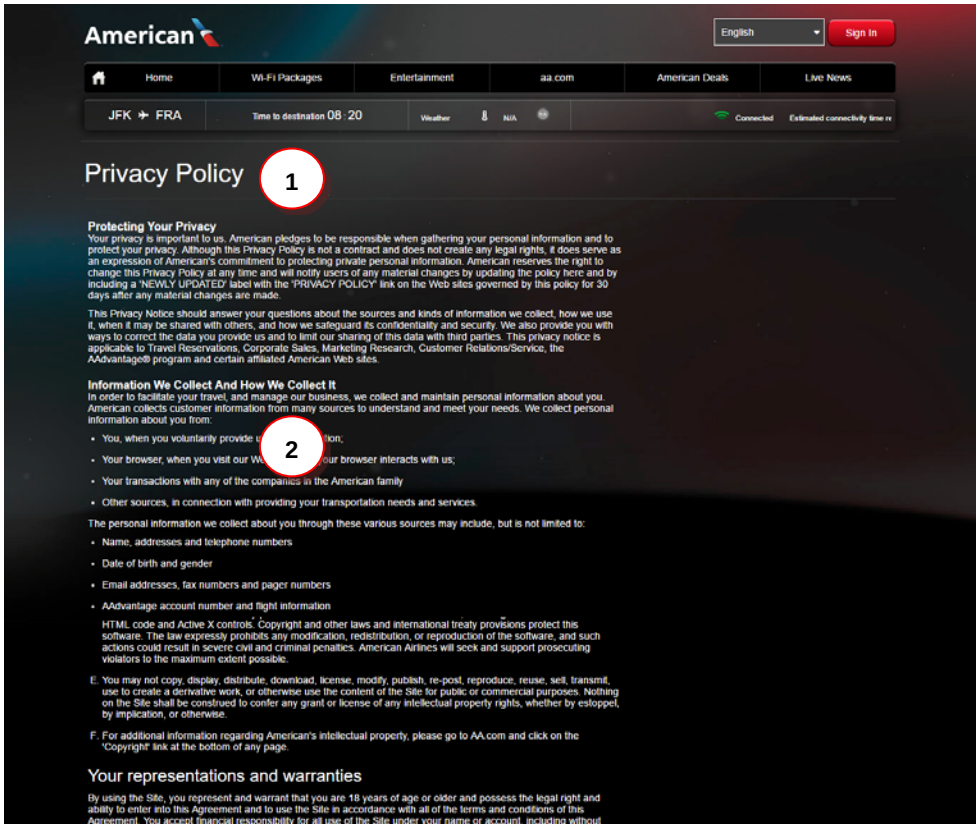


Figure 7: Privacy Policy

Item	Element	Selectable	Description/Action
1.	Section Title	No	No action.
2.	Section Body	No	No action.

FAQs + Customer Care (same page)

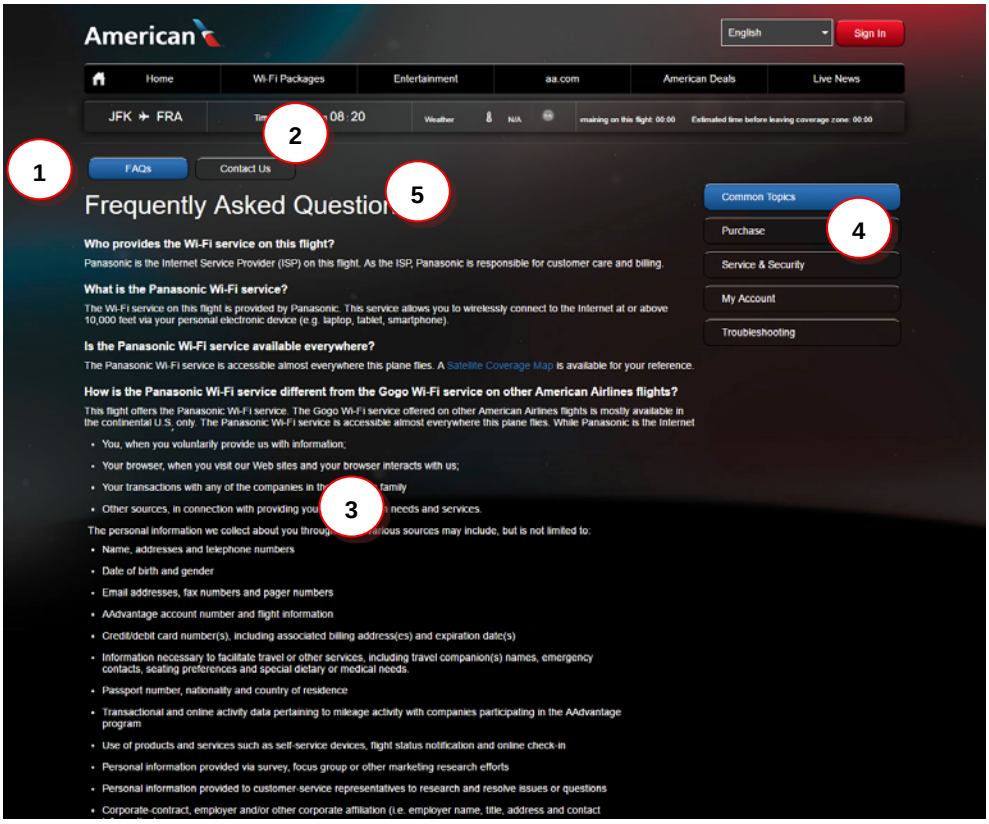


Figure 8: FAQs + Customer Care

Item	Element	Selectable	Description/Action
1.	FAQs Button	No	Highlighted in blue to indicate current page selection.
2.	Contact Us Button	Yes	Launches Contact Us page in the same window. Button is highlighted in blue when hovered or selected and remains blue on the following page.
3.	Section Body	No	Displays FAQs for the selected category.
4.	Category Buttons	Yes	Displays FAQ categories as defined by AA. Button is highlighted in blue when hovered over and selected and remains blue on the following page. When clicked, FAQs for the selected category will appear in the Section Body area. The footer will appear after the last question. Common Topics button is selected by default and will be highlighted in blue (in selected state – buttons have no action). Questions in the Common Topics category are displayed in Section Body by default, when page is first served.
5.	Section Title	No	No action, text only

Contact Us

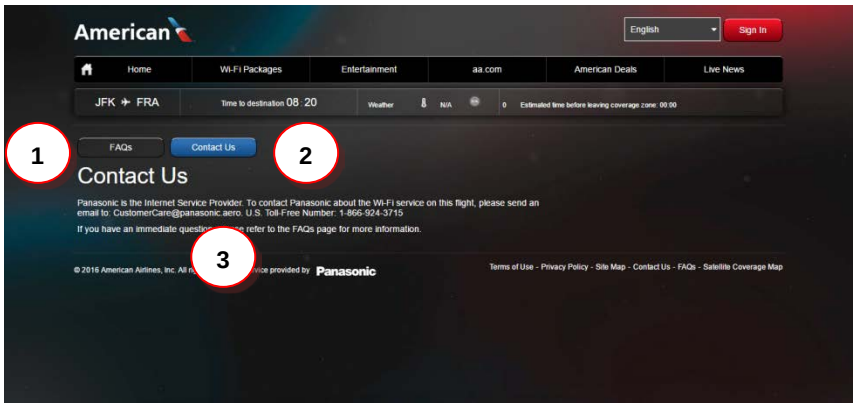


Figure 9: Contact Us

Item	Element	Selectable	Description/Action
1.	FAQs Button	Yes	Launches FAQs page in the same window. Button highlights in blue when hovered or selected and remains blue on the following page.
2.	Contact Us Button	No	Highlighted in blue to indicate page selection.
3.	Section Body	No	No action. Text only.

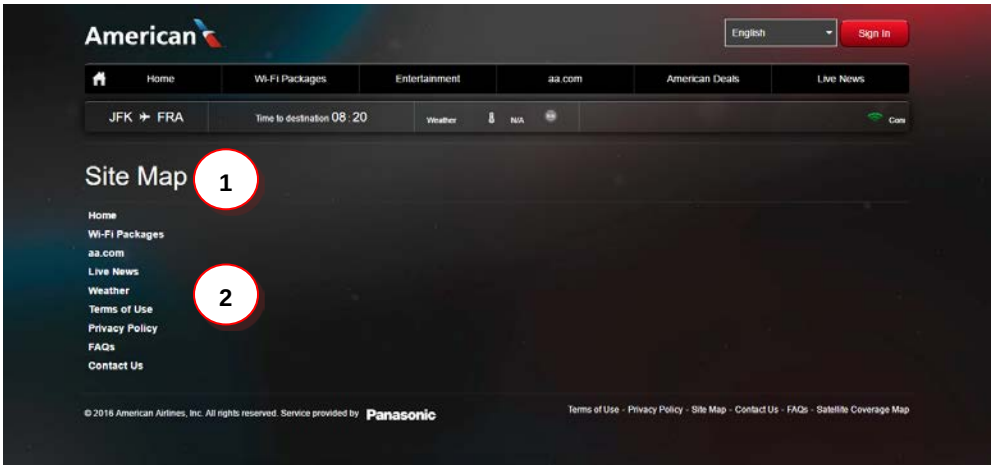


Figure 10: Sitemap

Item	Element	Selectable	Description/Action
1.	Section Title	No	No action.
2.	Site Map Links	Yes	Launches AA portal pages or whitelisted content. Links underline when hovered over or selected, opens in the same window, excluding Wi-Fi Packages and excluding AA.com.[8]

[8] If a link is for a page within the Portal, passenger will be redirected to the page. If a link is Whitelisted, PAX will be able access the content from the ground server. If a link is for neither of the above, but a URL on the World Wide Web, PAX will be redirected back to the Portal and must complete the internet session purchase process to access non-whitelisted content.

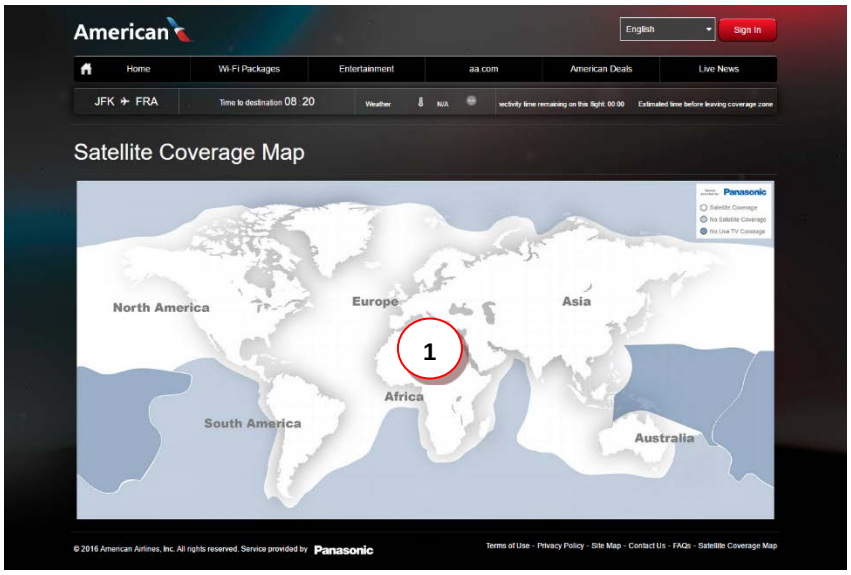


Figure 11: Satellite Coverage Map

Item	Element	Selectable	Description/Action
1.	Satellite Coverage Map	No	Shows the Satellite Coverage.

Error Message

The error page is served when an unexpected issue is encountered when attempting to redirect to a page on the portal.

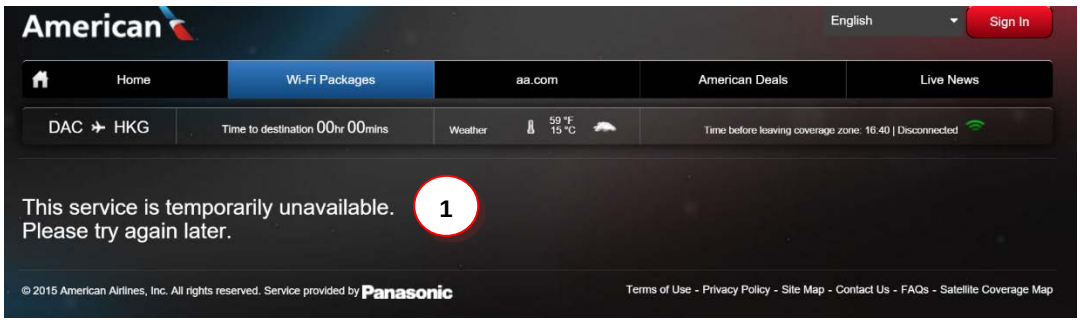


Figure 12: Error Message

Item	Element	Selectable	Description/Action
1.	Error Message	No	No action.

When connectivity is unexpectedly unavailable, an error message is displayed. AA will provide separate customized messages for connectivity related errors.

The above mockup includes error message for all other generic causes.

4.0 GRAPHICAL USER INTERFACE – MOBILE PHONE

Portal Site Map

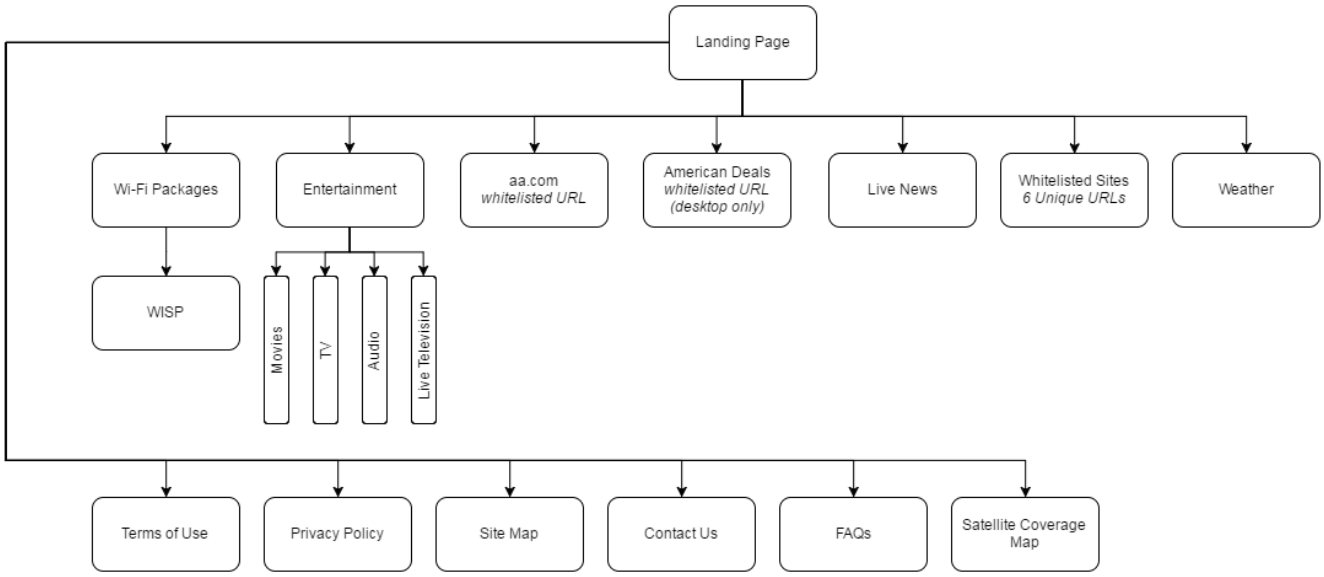


Figure 13: Portal Sitemap - Mobile

Landing Page

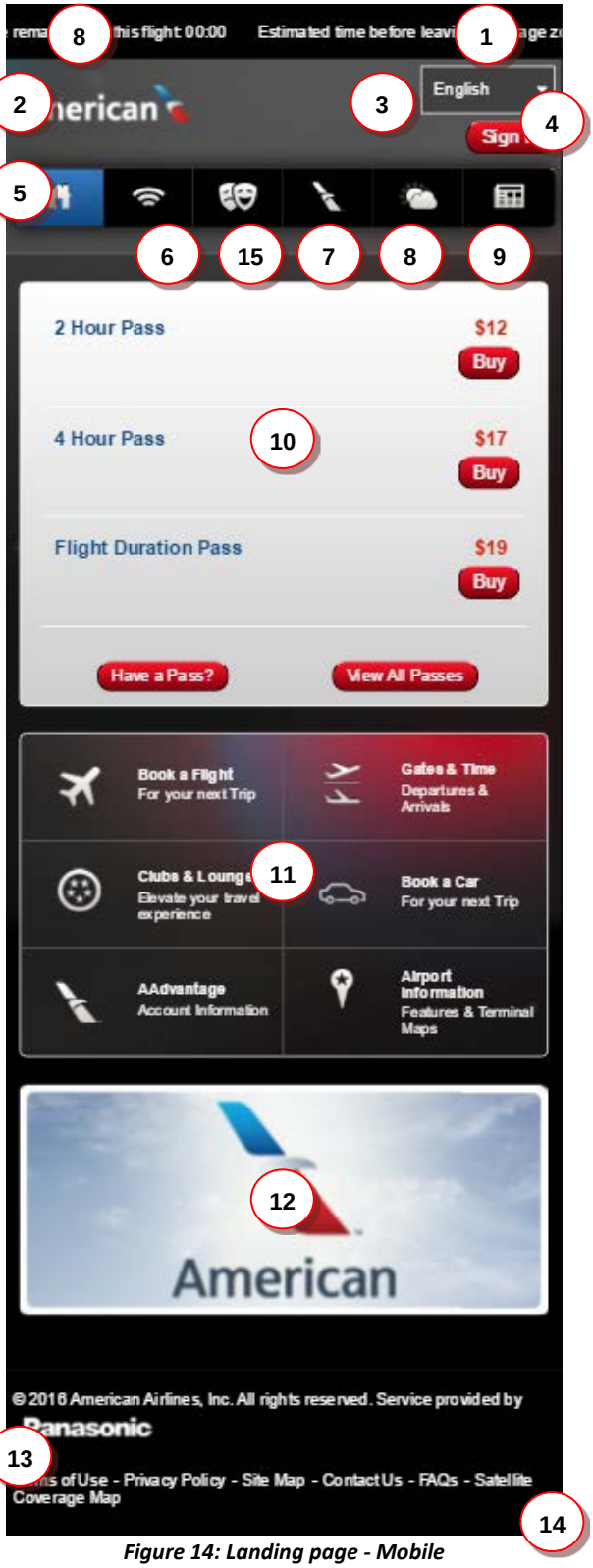


Figure 14: Landing page - Mobile

Item	Element	Selectable	Description/Action
1.	Connection Status/Time Remaining	No	Connection status is automatically updated and scrolled through the allocated space.
2.	American Airlines Logo	No	No action. When not on landing page, logo returns to this page, opens in the same window.
3.	Language Selection	Yes	Changes language between English and Portuguese on all subsequent pages, within the same window where the language change took place. When page is displayed, the language selector shall behave in the following manner – The selected language name will be clickable. The un-selected language name shall be in normal font and clickable.
4.	Sign In	Yes	Launches the Panasonic Avionics payment portal page immediately when button is clicked. Button has an on and off state when hovered over.
5.	Home	No	Highlighted in blue on Home page to indicate page selection. When not on landing page, button is not highlighted but turns blue when selected. Returns to Home page, opens in the same window.
6.	WiFi Packages	Yes	Launches the Panasonic Avionics payment portal page immediately when button is clicked. Button has an on and off state when hovered over.
7.	AA.com	Yes	Button turns blue when selected and launches a new window for AA.com mobile site, a whitelisted site.
8.	Destination Weather	Yes	Button turns blue when selected and launches Destination Weather page, opens in the same window.
9.	Live News	Yes	Button turns blue when selected and launches Live News page, opens in the same window.
10.	Pass Pricing / Connect	Yes	Pricing info and description of the available WiFi packages are dynamically loaded from
11.	AA designated images (6 images total)	Yes	Launches AA-designated URLs for each image, URLs are whitelisted.
12.	Advertisement	N/A	Same as #19 on Landing Page (Laptop).
13.	AA Copyright Footer	No	No action.
14.	Footer Links	Yes	Launches Terms of Use, Privacy Policy, Site Map, Contact Us, FAQs. All links to named pages are
15.	Entertainment menu	Yes	This takes the user to the entertainment page

Live News Categories

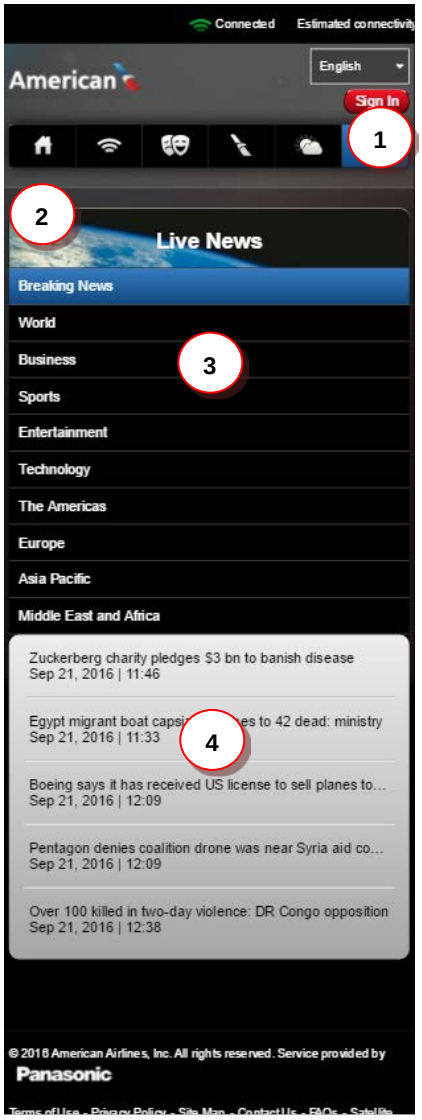


Figure 15: Live News Categories – Mobile

Item	Element	Selectable	Description/Action
1.	Live News button in navigation menu	No	Highlighted in blue to indicate page selection.
2.	Live News Title bar	No	No action.
3.	News Categories	Yes	The news categories are dynamically generated and come from the LTN feed. The list of categories changes as per the current LTN feed. Category button highlights in blue and the text + arrow on button change to white when selected. Launches the Live News Headlines page, opens in the same window.

4.	New articles	Yes	Default the articles of the 1st category is displayed. Once the user selects any category, the articles available within that category got displayed.

Live News Articles

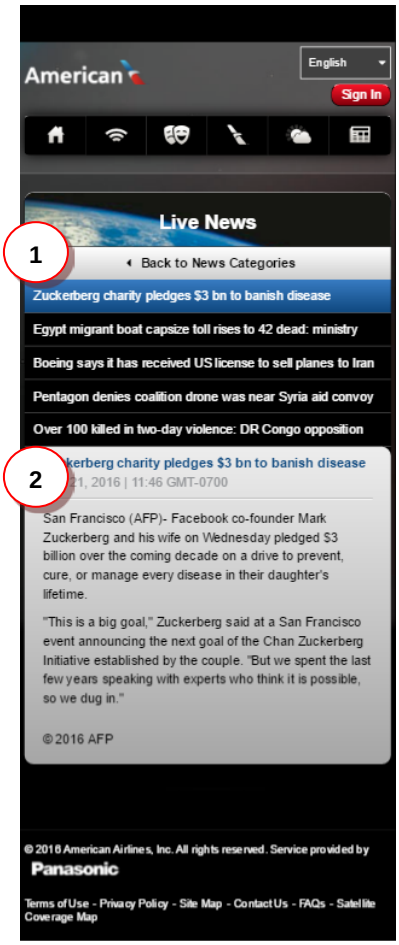


Figure 16: Live News Articles – Mobile

Item	Element	Selectable	Description/Action
1.	Back to News Categories Button	Yes	Returns to Live News Categories page, opens in the same window. Highlights in blue and text on button changes to white when selected. System will not remember the previous category selection, defaulting to category `World` (Live News Categories page).
2.	Article Headline	No	Headline and timestamp in GMT will appear at the top. Headline appears in blue.

Destination Weather

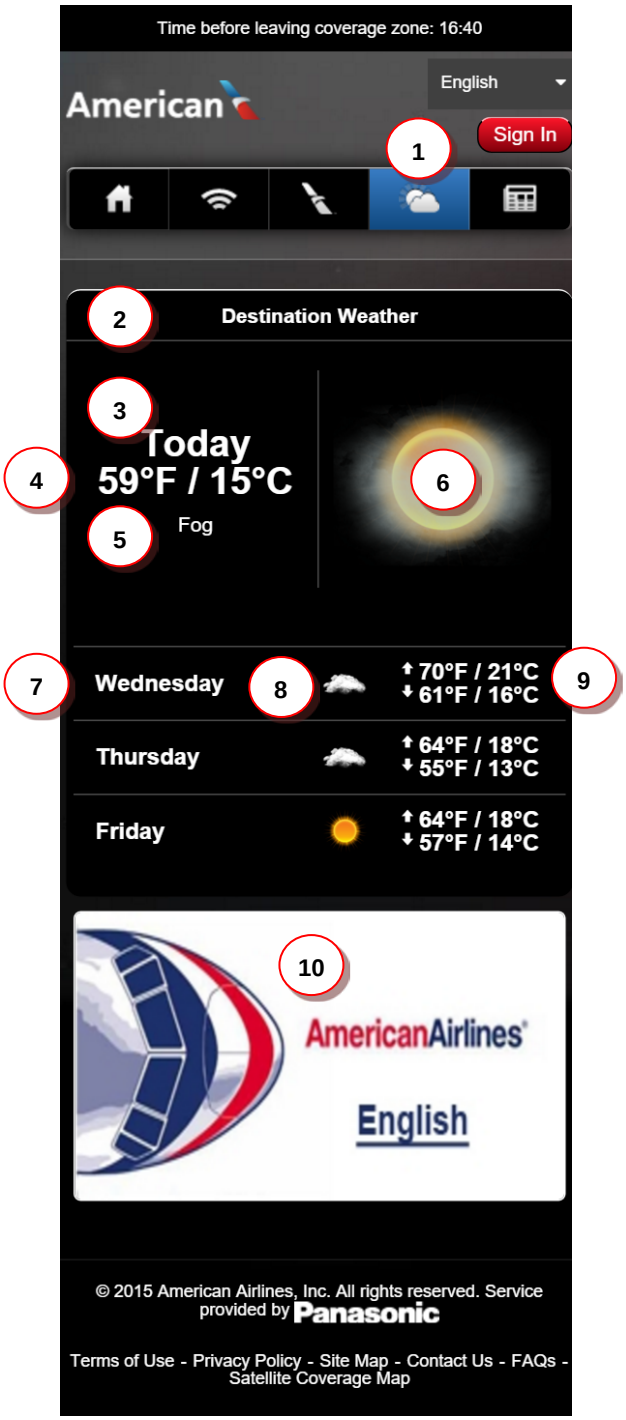
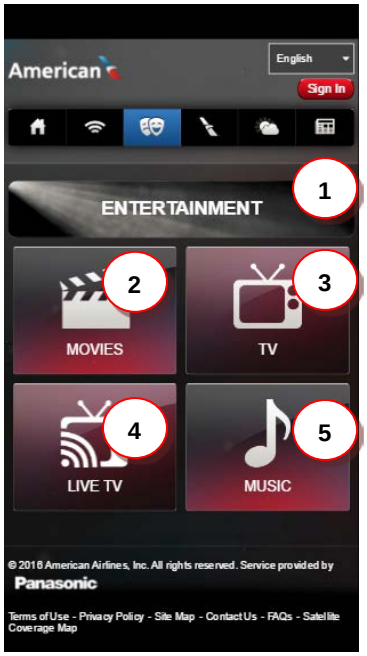


Figure 17: Destination Weather - Mobile

Item	Element	Selectable	Description/Action
1.	Destination Weather button in navigation menu	No	Highlighted in blue to indicate current page selection.

2.	Weather Title bar	No	No action.
3.	Label `Today`	No	No action.
4.	Current Temperature	No	Current temperature, in both Celsius and Fahrenheit, of destination.
5.	Destination City	No	No action, name of destination city.
6.	Weather Icon	No	Current weather condition in graphical icon of the destination.
7.	Day of Week	No	Day of week for destination 3-day forecast.
8.	Weather Icon	No	Weather condition, in graphical icon, for destination.
9.	High/Low Temperatures	No	High and Low temperatures of the day, in both Celsius and Fahrenheit, for destination.
10.	Advertisement	N/A	Same as #19 on Landing Page (Laptop).

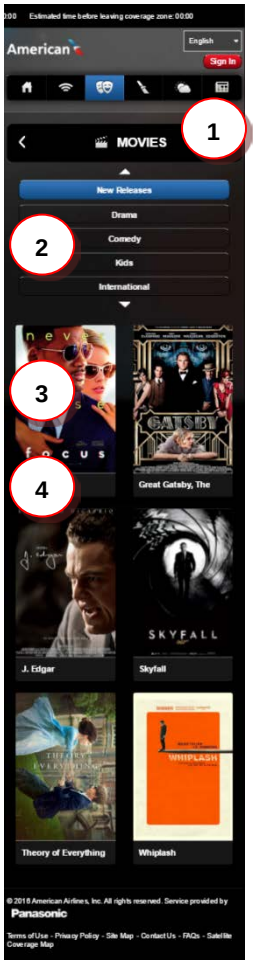
Mobile - Entertainment



Item	Element	Selectable	Description/Action
1.	Entertainment page title	No	Title of the page
2.	Movies button	Yes	Takes the user to the movies page
3.	TV button	Yes	Takes the user to the TV series page
4.	Live TV button	Yes	Takes the user to the Live TV page
5.	Music button	Yes	Takes the user to the Music page

[7] *Weather condition is only available in English.*

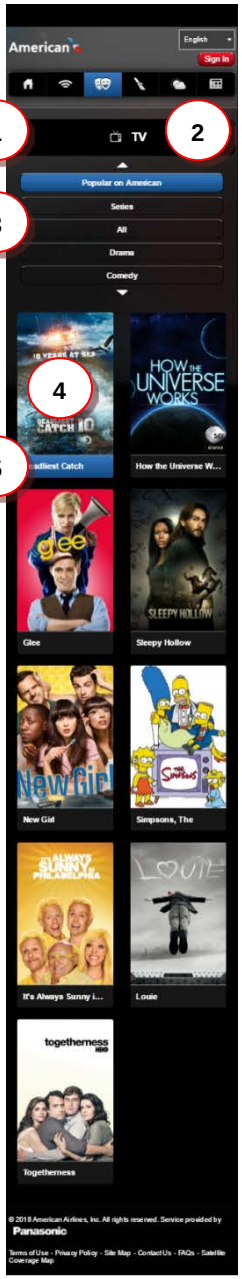
Entertainment – Movies



Item	Element	Selectable	Description/Action
1.	Page title	No	Title of the page
2.	Category selector	Yes	User can select between various categories
3.	Movie poster	Yes	By clicking, the user is taken to the movie player screen
4.	Movie title	Yes	Title of the movie. By clicking, the user is taken to the movie player screen

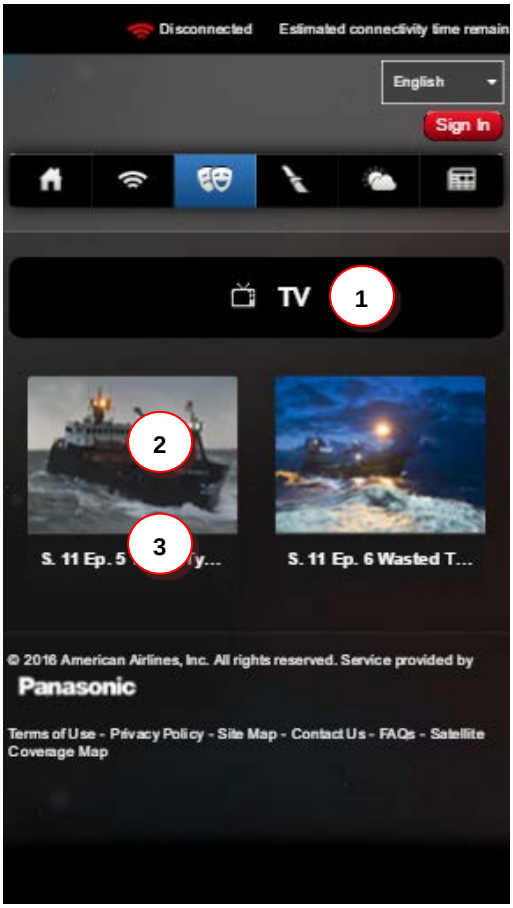
Movie player

Item	Element	Selectable	Description/Action
1.	Back button	Yes	This takes the user back to the movie selection page
2.	Page title	No	This is the tile of the page
3.	Movie title	No	This is the tile of the movie
4.	Video Player	Yes	The video player plays the movie when available
5.	Synopsys	No	Information about the movie based on the metatags available on the movie file

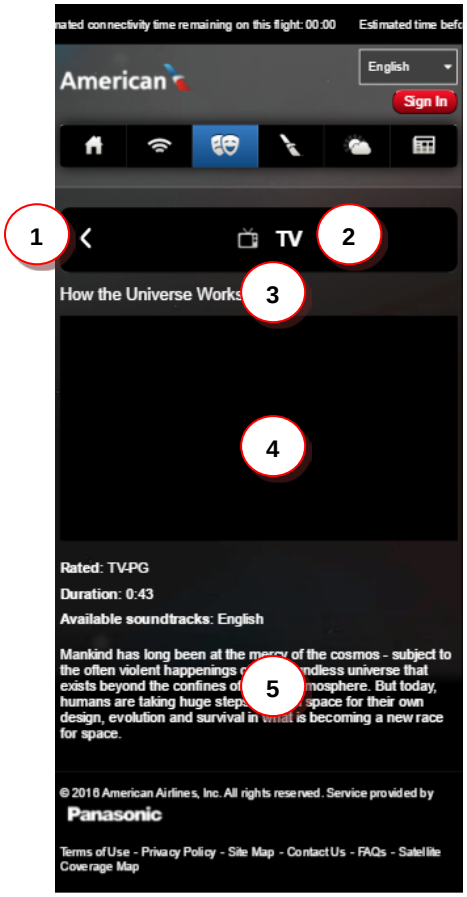


Item	Element	Selectable	Description/Action
1.	Back button	Yes	This takes the user back to the previous screen
2.	Page title	No	Title of the page
3.	Category selector	Yes	User can select between various categories
4.	TV series poster	Yes	By clicking, the user is taken to the video player screen
5.	TV series title	Yes	Title of the series. By clicking, the user is taken to the video player screen

TV Series episode listing

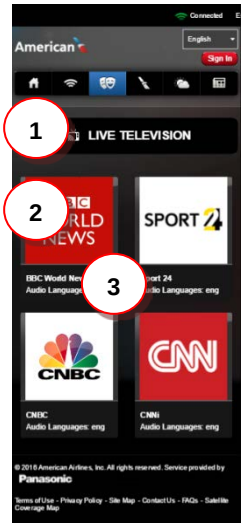


Item	Element	Selectable	Description/Action
1.	Page title	No	This is the tile of the page
2.	TV series episode thumbnail	Yes	This is the thumbnail image of the episode. When clicked episode starts playing
3.	TV series episode title	No	Title of the episode.



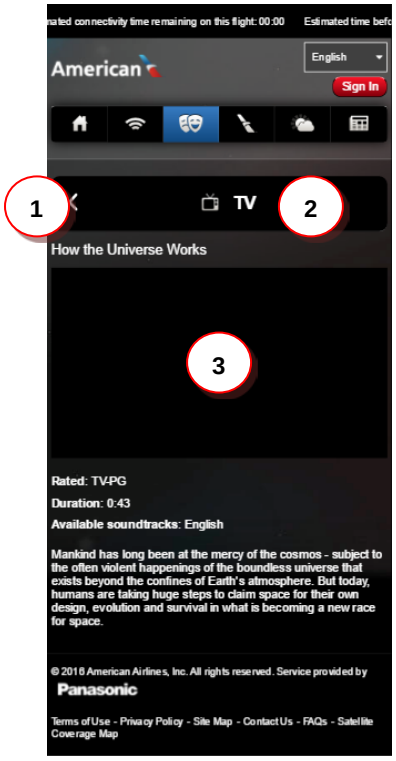
Item	Element	Selectable	Description/Action
1.	Back button	Yes	This takes the user back to the series selection page
2.	Page title	No	This is the tile of the page
3.	TV series title	No	This is the tile of the series
4.	Video Player	Yes	The video player plays the series when available
5.	Synopsys	No	Information about the series based on the metatags available on the video file

Entertainment – Live TV



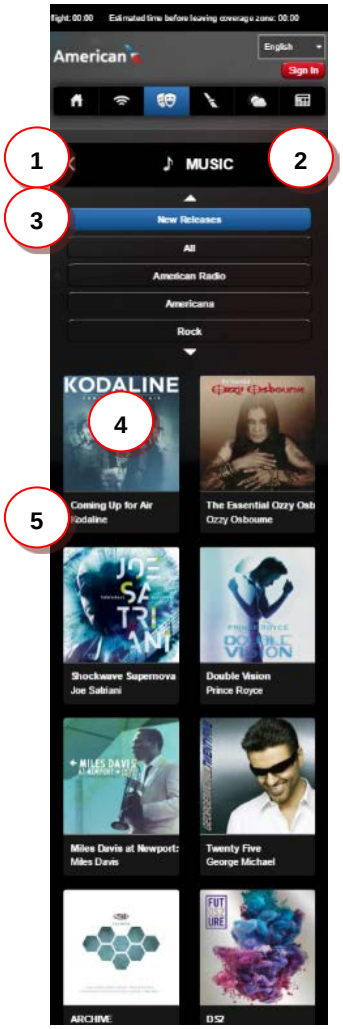
Item	Element	Selectable	Description/Action
1.	Page title	No	This is the tile of the page
2.	Title of channel	Yes	By clicking the user is taken to the live TV player
3.	Channel details	No	Channel title and channel language is displayed here, along with any additional metadata available on channel

Live TV player



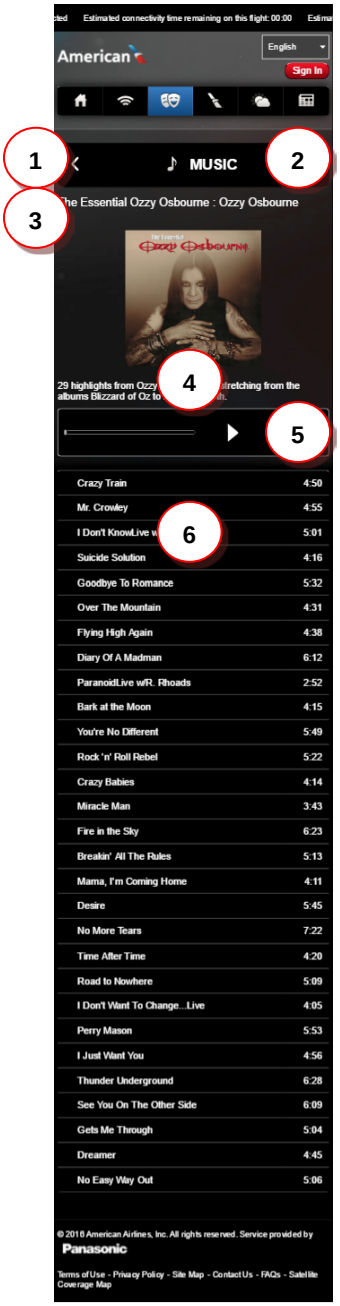
Item	Element	Selectable	Description/Action
1.	Back button	Yes	This takes the user back to the series selection page
2.	Page title	No	This is the tile of the page
3.	TV series player	Yes	This is the player with the default controls.

Entertainment – Music



Item	Element	Selectable	Description/Action
1.	Back button	Yes	This takes the user back to the previous screen
2.	Page title	No	Title of the page
3.	Category selector	Yes	User can select between various categories
4.	Album poster	Yes	By clicking, the user is taken to the music player screen
5.	Album details	No	Details that are available about the album.

Music player



Item	Element	Selectable	Description/Action
1.	Back button	Yes	This takes the user back to the previous screen
2.	Page title	No	Title of the page
3.	Album title	No	Title of the album
4.	Subtitle	No	Extensive title of the album
5.	Music player	Yes	The player controls. User can pause, skip into the song and set volume.

6.	List of songs on album	Yes	When clicked the selected song is played

Terms of Use
The same template applies to Customer Care and Privacy Policy.

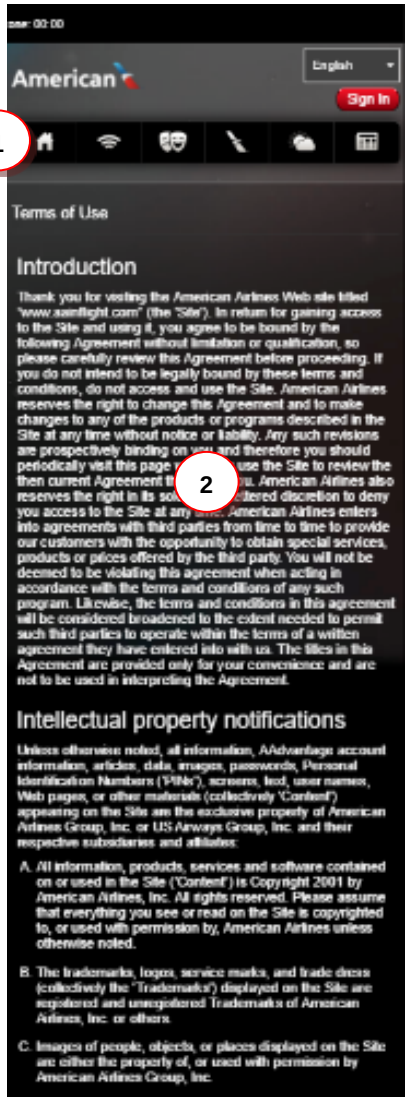


Figure 18: Terms of Use - Mobile

Item	Element	Selectable	Description/Action
1.	Navigation bar	Yes	All buttons are clickable to navigate to designated pages. No highlighted button. Button highlights in blue and remains blue on the following page when selected. Launches Home, Weather and Live News in the same window and Wi-Fi Packages and AA.com in a new window.
2.	Section Body	No	No action. All content should be enclosed within the expandable box as part of the design requirement.

Privacy Policy

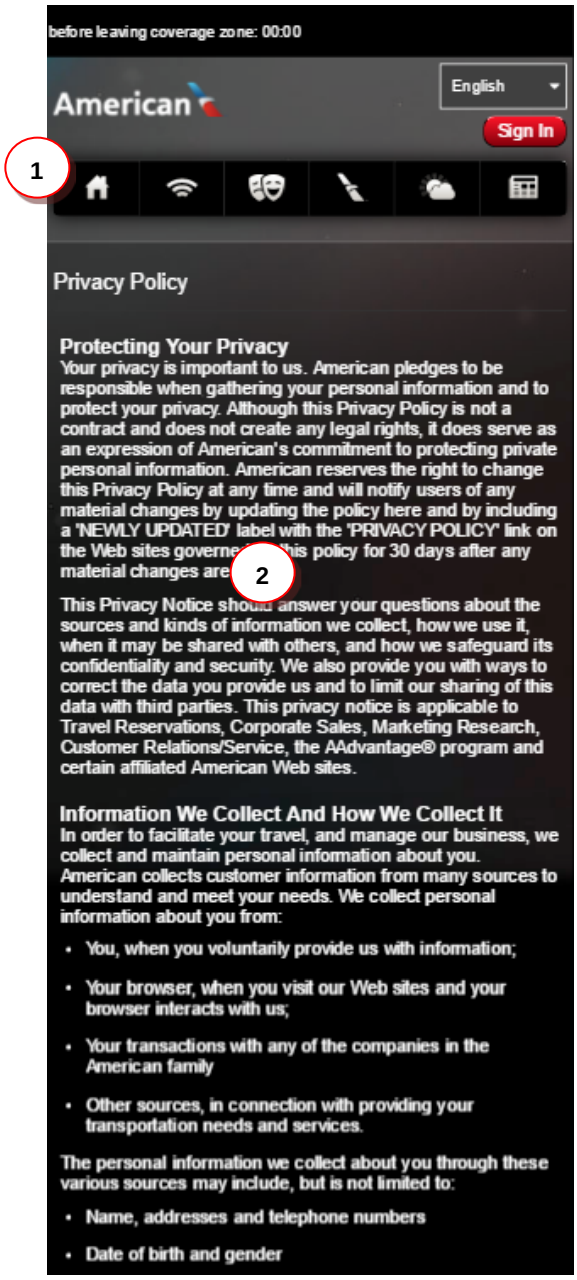


Figure 19: Privacy Policy -Mobile

Item	Element	Selectable	Description/Action
1.	Navigation bar	Yes	All buttons are clickable to navigate to designated pages. No highlighted button. Button highlights in blue and remains blue on the following page when selected. Launches Home, Weather and Live News in the same window and Wi-Fi Packages and AA.com in a new window.

2.	Section Body	No	No action. All content should be enclosed within the expandable box as part of the design requirement.

FAQs + Customer Care (same page)

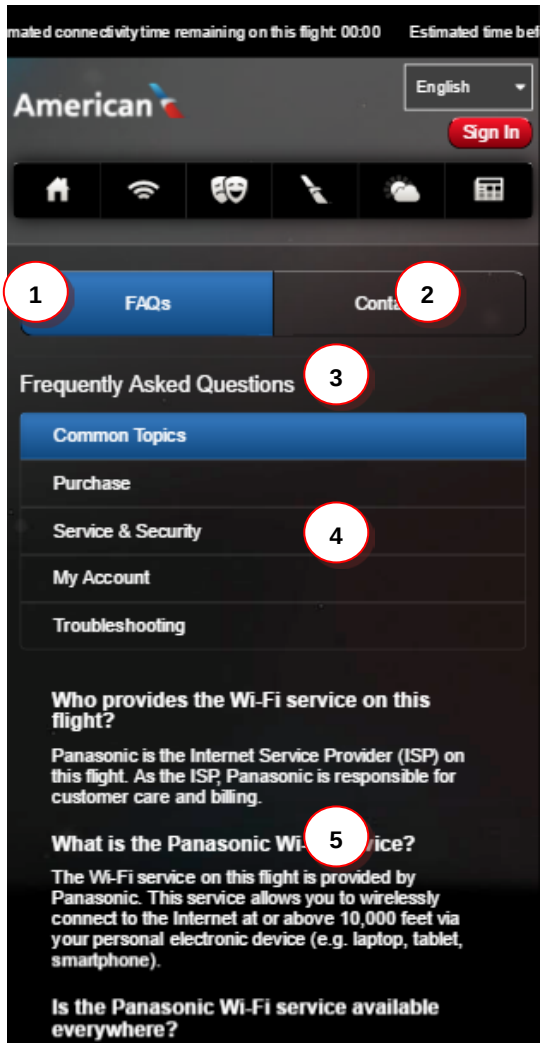


Figure 20: FAQs + Customer Care – Mobile

Item	Element	Selectable	Description/Action
1.	FAQs Button	No	Highlighted in blue to indicate current page selection.
2.	Contact Us Button	Yes	Launches Contact Us page in the same window. Button highlights in blue and remains blue on the following page when selected.
3.	Section Title	No	No action, text only.

4.	Category Selection List	Yes	Displays FAQ categories as defined by AA. Button is highlighted in blue and remains blue on the following page when selected. When clicked, FAQs for the selected category will appear in the Section Body area. The footer will appear after the last question. Common Topics is selected by default and will be highlighted in blue (in selected state – button has no action). Questions in Common Topics category are displayed in Section Body by default, when page is first served.
5.	Section Body	No	Displays FAQs for the selected category.

Contact Us

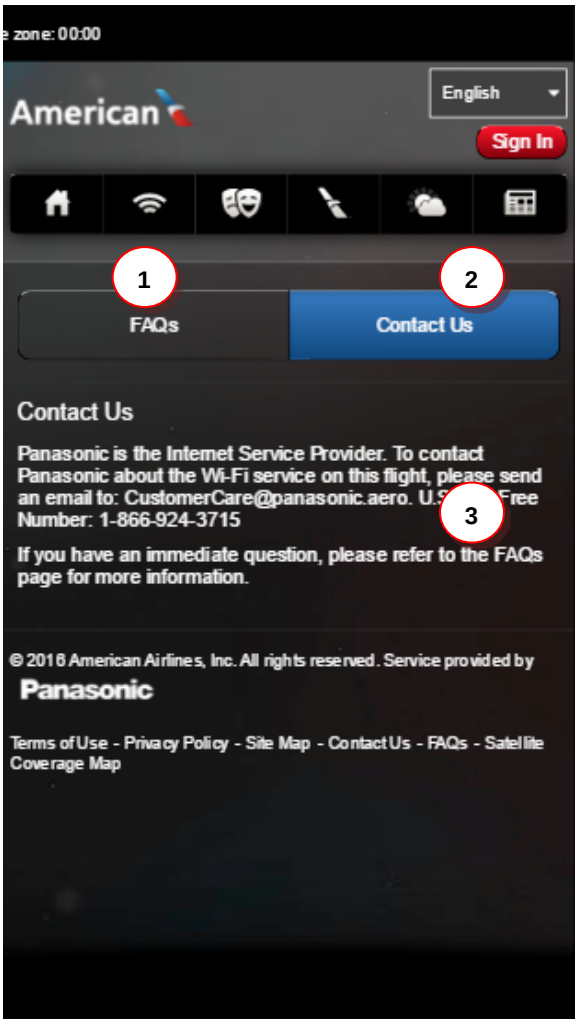


Figure 21: Contact Us - Mobile

Item	Element	Selectable	Description/Action
1.	FAQ Button	Yes	Launches FAQ page, opens in the same window. Button highlights in blue and remains blue on the following page when selected.
2.	Contact Us Button	No	Highlighted in blue to indicate page selection.
3.	Section Text	No	No action. All content should be enclosed within the expandable box as part of the design requirement.

Sitemap

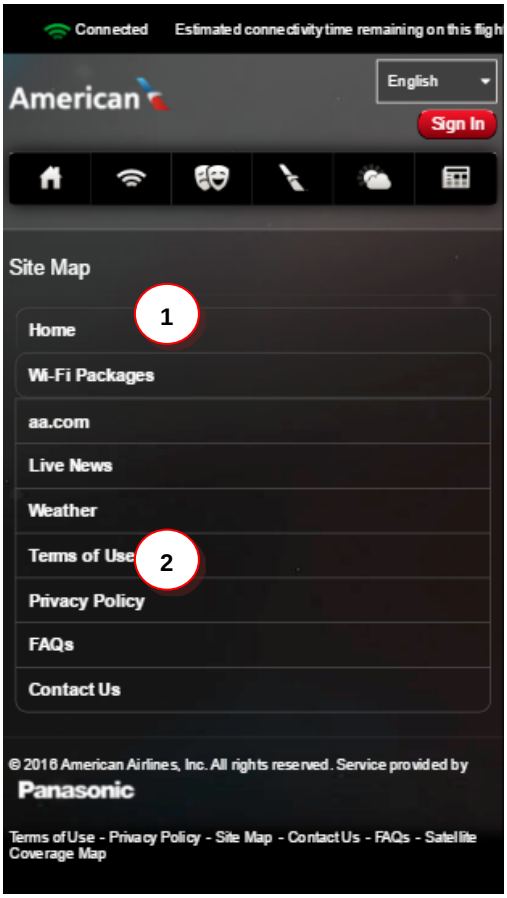


Figure 22: Portal Sitemap - Mobile

Item	Element	Selectable	Description/Action
1.	Section Title	No	No action.
2.	Site Map Links	Yes	PAC WISP will load to the same window so change "excluding Wi-Fi Packages and excluding AA.com.[14]

[14] If a link is for a page within the Portal, passenger will be redirected to the page. If a link is Whitelisted, PAX will be able access the content from the ground server. If a link is for neither of the above, but an URL on the World Wide Web, PAX will be redirected back to the Portal and must complete the internet session purchase process to access non-whitelisted content.

Satellite Coverage Map

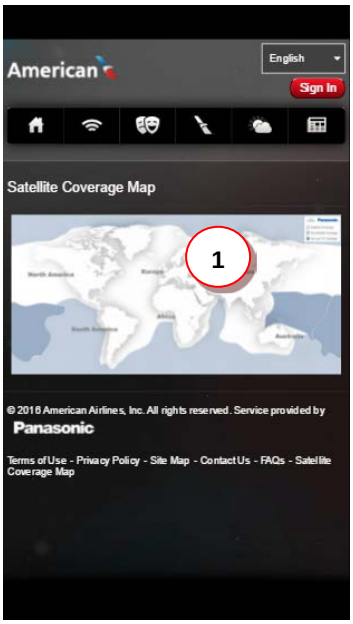


Figure 23: Satellite Map - Mobile

Item	Element	Selectable	Description/Action
1.	Satellite Coverage Map	No	Shows the Satellite Coverage.

Error Message

The error page is served when an unexpected issue is encountered when attempting to redirect to a page on the portal.

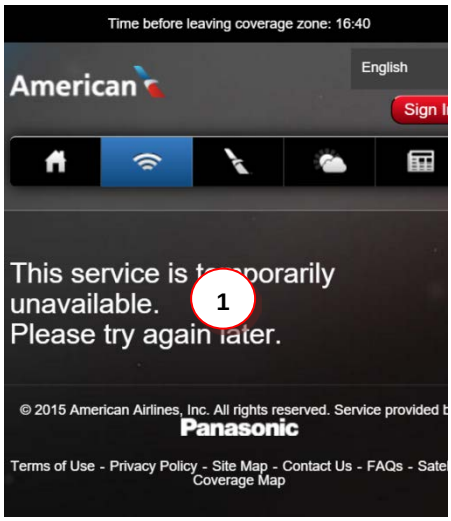


Figure 24: Error Messages - Mobile

Item	Element	Selectable	Description/Action
1.	Section Body	No	No action. Entire message is enclosed within the box as part of style.

When connectivity is unexpectedly unavailable, an error message is displayed. AA will provide separate customized messages for connectivity related errors.

The above mockup includes error message for all other generic causes.

IOS SUPPORTED DEVICES

iOS Device / OS Version	Type
iPhone 4S - OS:9.3	Smartphone
iPhone 5S - OS:9.3	Smartphone
iPhone 6 Plus - OS:9.3	Smartphone
*iPad Mini - OS: 9.3	Tablet
iPad Mini 2 - OS: 9.3	Tablet
iPad 2 - OS: 9.3	Tablet

* Devices are not officially approved by Panasonic.

NOTE: Devices that BSD will test against

ANDROID SUPPORTED DEVICES

Android Device / OS Version	Type
Samsung Galaxy S4 - OS:4.4.2	Smartphone
Samsung Galaxy S4 - OS:5.0.1	Smartphone
Samsung Galaxy S3 - OS:4.3	Smartphone
HTC One (M7) - OS:5.0.2	Smartphone
*Google Nexus 4 - OS:5.1.1	Smartphone
*Google Nexus 6 - OS:5.1.1	Smartphone
Google Nexus 10 - OS: 5.1.1	Tablet
Google Nexus 7 - OS: 5.1.1	Tablet
*Lenovo Tab S8-50F - OS: 4.4.2	Tablet
*Galaxy Tab 4 SM-T230 7" - OS: 4.4.2	Tablet
*Galaxy Tab 4 SM-T530 10.1" - OS: 4.4.2	Tablet

* Devices are not officially approved by Panasonic.

NOTE: Devices that BSD will test against

BROWSER SUPPORT

Browser / OS Version	Supported Versions*
Windows (7, 8)	
Internet Explorer	9, 10 and 11
Chrome	Latest release
Firefox	Latest release
Mac OS (10.6-10.9.1)	
Safari	Latest release
Chrome	Latest release
Firefox	Latest release