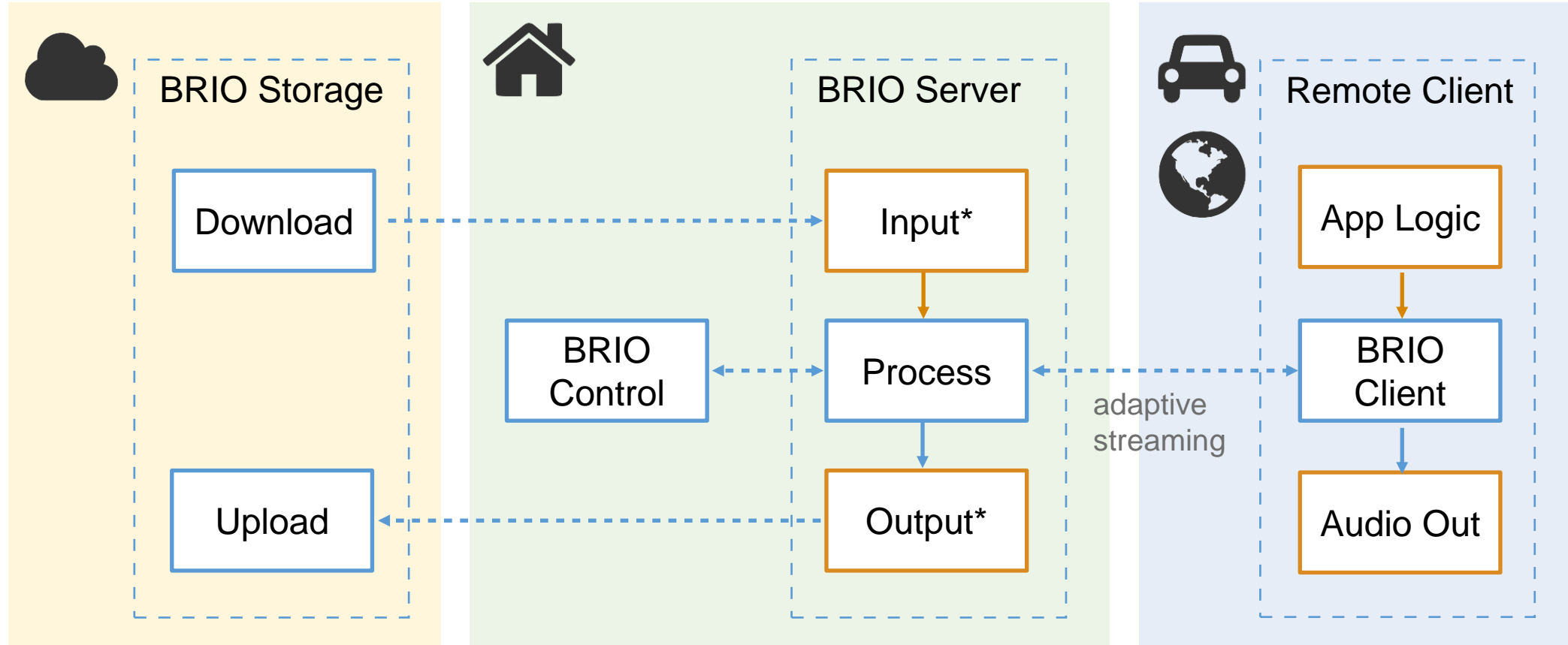


# BRIO by OraStream

Product Brief



# System Architecture



# BRIO By OraStream

## Standard Plan

- Free distribution for personal/non-commercial use
- desktop servers on Win/Mac
- access on web browsers (Chrome/Firefox/Opera/Safari)

## Mobile Plan

- S\$15 per user account per year
- standard plan features
- access on iOS/Android clients

## Cloud Plan

- S\$150 per user per year
- standard and mobile plan features
- store up to 500Gb



# BRIO Desktop (server)

## Music player/adaptive streaming server

- Local and cloud music libraries: browse by albums, tracks, artists, genres
- Playlists: add, re-order or remove tracks (for both local and cloud)
- Scan and Watch (local)
- Uploader (cloud)
- Other remote sources: UPnP, FTP/NAS servers
- 3rd-party music services
- Supported formats: MP3, AAC, FLAC, ALAC, AIFF, WAV, DSD
- Supported devices: local (DACs, Airplay, Bluetooth) and networked (UPnP, Chromecast, SONOS)
- Audio playback to 32b/384k

Free license for personal and non-commercial use



# BRIO Web/Mobile (clients)

2 modes:

- Streaming music player (with content on BRIO desktop server):
  - up to 24b/192k audio playback
- Remote controller
  - browse local and cloud music libraries
  - remote playback on BRIO desktop server or other audio devices

Mobile Plan @\$15 per user account per year



# BRIO Cloud

Remote streaming with BRIO desktop requires:

- desktop to be 24/7 “running”
- port forwarding on UPnP-enabled router

Cloud alternative for remote streaming

- removes dependency on BRIO desktop
- uploads user-selected tracks to cloud
- Adaptive streaming by OraStream Connect servers to browser and mobile apps

Cloud Plan @ S\$150 per user account per year



# Audio formats – BRIO Desktop

Source Audio Inputs	Local Audio Outputs	Networked Audio Outputs				
		<i>UPnP</i>	<i>Chromecast</i>	<i>Sonos</i>	<i>AirPlay</i>	<i>Bluetooth</i>
MP3, AAC	WAV (32b) 44/48k	WAV (16b) 44/48k			ALAC (16b) 44/48k or A2DP	A2DP or aptX audio
WAV, AIFF, FLAC, ALAC (16b)						
WAV, AIFF, FLAC, ALAC (24/32b)	WAV (32b) native up to 384k	WAV (32b) native rate up to 192k	WAV (16b) 44/48k	(down/re-sampled for network performance)	(down/re-sampled for network performance)	
DSD	WAV (32b) 88k					



# Audio formats – BRIO Mobile

Source Audio Inputs	Streaming format	Local Audio Outputs	Networked Audio Outputs	
			<i>AirPlay</i>	<i>Bluetooth</i>
MP3, AAC	SLS (16b) 44/48k	WAV (32b) 44/48k	ALAC (16b) 44/48k or A2DP  (down/re-sampled for network performance)	A2DP or aptX audio  (down/re-sampled for network performance)
WAV, AIFF, FLAC, ALAC (16b)				
WAV, AIFF, FLAC, ALAC (24/32b)	SLS (24b) native up to 192k	WAV (32b) native up to 192k		
DSD	SLS (24b) 88k	WAV (32b) 88k		





# Features – BRIO desktop

## Local Library

- organised by albums, tracks, artists, genres
- Playlists
- Scan and Watch

## Cloud Library

- organised by albums, tracks, artists, genres
- Playlists
- Uploader

Other remote sources: UPnP, FTP/NAS servers

Audio Playback: local and networked audio devices

Music Services: Add and Subscribe, Discovery and streaming access



# Features – BRIO web/mobile

## Player Mode

- Adaptive streaming playback
- Audio casting: Bluetooth / AirPlay
- Limit Cellular Data (mobile app only)
- Caching (mobile app only)

## Remote Control mode

- Access BRIO desktop features

