World's Leading Cross-Platform Haptic Solution

AAC TECHNOLOGIES

RICHTAP

ABOUT US

RichTap is a powerful system haptics solution which helps you create haptic effects across applications, platforms, and hardware configurations. With our algorithm, tools and technical services, you can quickly build your optimized and customized haptic experience.

CREATOR SUITE

- Design Tools
- SDK
- Extensible Plug-in
- Effect Library

RichTap CORE

- Extensible API
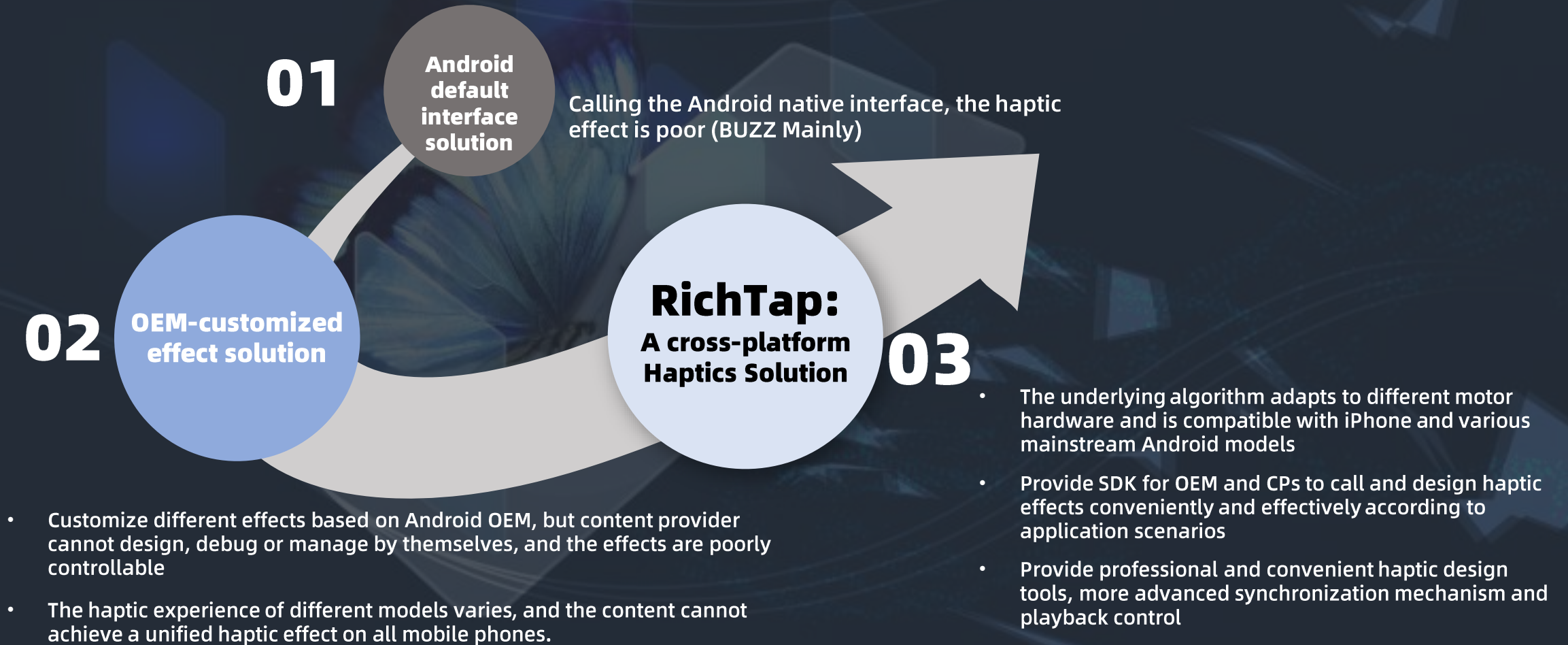- Data Transmission Path
- Core Control Algorithm

CREATIVE SERVICE

- Technology Support
- Design References
- Customized Service

The Unified Android HAPTIC Solution Is Needed

01 **Android default interface solution**

Calling the Android native interface, the haptic effect is poor (BUZZ Mainly)

02 **OEM-customized effect solution**

RichTap: A cross-platform Haptics Solution

03

- Customize different effects based on Android OEM, but content provider cannot design, debug or manage by themselves, and the effects are poorly controllable

- The haptic experience of different models varies, and the content cannot achieve a unified haptic effect on all mobile phones.

- The underlying algorithm adapts to different motor hardware and is compatible with iPhone and various mainstream Android models

- Provide SDK for OEM and CPs to call and design haptic effects conveniently and effectively according to application scenarios

- Provide professional and convenient haptic design tools, more advanced synchronization mechanism and playback control

AAC's X-axis Linear Actuator

- ✓ Clearer And Quieter Vibrations

- ✓ Faster Response

- ✓ Better Consistency

- ✓ Richer Effects

- ✓ Wider Frequency Band

01 A New Language for System Interaction

- Providing comprehensive haptic language, making the products easier to use and create unique experience.

- **Improve the convenience of operation**
- Well-designed, consistent haptic language, providing instant response and guidance for users in various situations by enriching product features

- **Create high-quality & unique experience**
- Make haptic effects compatible with audio/video & other interaction effects, creating harmonious and high-quality haptic experience

02 Multimedia Content

- Enrich the video & audio experience by applying high-quality haptic experience

Bring the immersive experience in games:
- The game with haptic feedback effectively enhances the reality of weapons, skills, actions, props and storylines

Create specified rhythm
- Haptic can dynamically shape the melody, rhythm and style characteristics of music and video playback

Strengthen the connection between consumer and brands
- Haptic Ads bring impressive communication with consumers

Entertain the social contact
- Make social contact more interesting and closer by using haptic stickers and special notification effect

Application Cases

03 Intelligent Automobile

- More intelligent, intimate and safe user interface

Intuitive Superior Experience

- The trend of autonomous driving puts forward new requirements for convenient control and precise response, and drives the rethinking of new interactive methods for control systems. Haptic technology is the key to achieve fast, safe, and reliable interactive feedback in operation system, such as the virtual button, on-off key, etc.

Client Cases

Xiaomi	Huawei	OPPO	vivo	Game for Peace
Redmi	Honor	OnePlus	Lenovo	...

- OPPO ONEPLUS

- MIUI: Haptic-Making the Visually Impaired Feel the UI

- 2 Anniversary Edition of *Game for Peace* with New Haptic Experience

- ......

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" **Haptic is the most intuitive art form for cognitive communication.** "

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