03. AI Agent Phones

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01. Introduction

01. Purpose

The next major breakthrough in the phone industry are so called AI agent phones. This breakthrough has all to do with how we interact with our phone.

1. We first interacted with physical keys typing in numbers and letters that were then interacting with the phone.
2. What happened next was the iPhone where the physical keys were replaced with a touch screen, which has become the standard for all future phones.
3. Finally, we have now arrived at the age of AI Agent phones, where the interaction screen won't be apps anymore but an AI agent. Through the AI agent you will be able to accomplish any task you would like to accomplish.

No more apps ?

Well the claim that no more apps will exist is quite of a stretch. Simply due to the fact that the data of a specific application needs to be stored somewhere. This storage is either on a cloud operated by a company, your home sever or on your device. Your agent can interact with the apps autonomously and change entries inside of the apps but you will still want to have a location that encapsulates all the relevant data for a specific sector.

It is great for us humans to open a fitness app and see our progress measured in it. Now, you basically open an app during training to fill in your sets, weights and rep data. The difference will be that your agent will open the app inside of its interface and you can add your reps and sets inside of the AI agent interface. Then after the workout it will tell you the next appointment that you have during that day, or you can directly start ordering groceries at home.

Three different featuers

1. **Transactional Nature:** Some things that are regular habbits can be automated i.e ordering the same hot sauce to your home that you always order.
2. Ordering a cab: If you want to order a cab then you don't need to open a cab app anymore since it will handle
3. Exploration won't be done without an app. For instance scrolling through clothes, food, homes or any other item you want to explore it will allow you to have a look on all the stuff an app has to offer you. Yes, you could let your AI agent pick some stuff out for your that you might like but it will never show you everything and you never know what you might like exactly on that day. Maybe something completely different

On Screen Awareness

It can check your screen and see what you are looking at. Then it can better understand how to answer a question based on what you do in the moment.

Apple Intelligence

It won't replace interacting with Bookstack or any other educational tool

Exactly. An MCP layer can help an AI find and manipulate BookStack content, but it doesn’t replace the human workflow of browsing the shelf/book/chapter structure, reading the full page in context, and deciding what belongs there.

For substantive editing, the safer workflow is:

1. Open the relevant page in BookStack and review its surrounding structure and full text.
2. Identify what’s missing, what may be outdated, and how the page relates to other pages.
3. Draft the change with those connections in mind.
4. Review the proposed text in the page editor, then make and verify the edit.

MCP is most useful as an assistant to that process—finding relevant pages, summarizing context, suggesting edits, or preparing a draft—not as a substitute for human judgment about structure and meaning.

What it will do is that chatbots can use the documentation to answer questions users have. If a user says I want to setup a home server for 20 users, that needs to run 24/7 with a backup server with a friend etcetera. Then it will provide you with what to buy and the exact steps that you need to take according to the documentation created. So yes, people will not all visit the bookstack necessarily for how to do things, but to discover possibilities they will. If they don't know about things they can also not ask about it. yes you could ask your agents as well to let you discover topics you want to learn about.

In that sense it is best to actually go to the documentation page or see the instruction videos made by humans. Even though your agent can also load the video for you in their interface. The point is that these videos still need to be created, the documentation still needs to be created, and the it needs to be reviewed to check if it all makes sense and if it is correct.

Also if you liked a video you could like it from your AI agent and give some gratitude to the creator of the video as well.

02. From the To-Do-List to the AI Agent

Source: Interface Studios

03. Traffic drops to regular websites due to AI

Source: Loopex

Now, even though traffic is dropping for people to actually visit websites the content still needs to be stored somewhere. Sure, maybe less people check tripadvisor but most of the data comes from tripadvisor. If nobody acts anymore on tripadvisor or gives any reviews then you won't have a proper opinion anymore on how great an event on tripadvisor actually is

Website traffic is expected to drop by more than 50% by 2028, influenced by AI chat tools that allow users to find answers without visiting the pages directly.
News platforms are among the most affected, with The Business Insider, CNN, and New York Times all being in the top 20 for the highest traffic losses.
Q&A platforms, learning and specialized information websites are also largely affected by AI tools, with many of them scraping data and decreasing traffic to these platforms.

(Source: https://www.loopexdigital.com/blog/website-traffic-drops-after-ai-chats)

02. STEPX Neo

Keynote: https://www.youtube.com/watch?v=d9bE0XS44jM

Step Amoo

Source: GogiTech

At the center of the phone sits **Step Amoo**, StepFun's built-in AI agent. Unlike a voice assistant bolted onto an existing interface, Amoo is designed to handle full, multi-step tasks end to end, such as booking a flight or editing a video, without the user opening separate apps for each step.

The STEPX Neo represents a shift towards an AI-centric smartphone experience, where the AI agent Amoo takes precedence over traditional app usage. However, its integration with established apps ensures that users can still access a wide range of services, enhancing the overall functionality of the device.

AI won't replace apps

That's a more accurate distinction: the apps don't disappear; the way people use them changes. An agenda, contacts, notes, and messaging app can remain available as familiar places to view, edit, and manage information. The AI agent sits above them as another interface—able to add or update an appointment, find a contact, or save a note across those apps—while people can still open the apps directly whenever they want.

So "AI replaces apps" is probably overstated. It's more like AI reduces how often you need to navigate apps manually, while the apps and their data remain underneath.

Agentic Device vs AI Features

The difference between an AI feature and an agentic device is significant. Most smartphones simply layer AI assistants on top of conventional operating systems. However, the StepX Neo takes a fundamentally different approach.

At its core, the Neo runs on Step AOS. This operating system was designed specifically for AI agents rather than adapted from Android or iOS. Furthermore, Amoo is a built-in AI agent deeply integrated at the system level.

Partnerships with Apps

StepX has confirmed deep app partnerships for launch. Native integrations include Meituan, WPS, CapCut, Ctrip, Gaode Maps, and Alipay. This lineup points firmly at a Chinese consumer market release.

Prompt: Thus all applications will stay existend, they just add an extra api layer for the agent to interact with for changing entries. To keep apps standardized manner is very important for security reasons. Hence, open source apps that are widely maintained are the ones that should be implemented and not random apps created by AI that have not went through all the scrutiny of human checks

Response Gemma4:

This highlights a critical paradox in the transition to an AI-driven interface: AI is a consumer of data, not a creator of primary truth.

If the "AI layer" becomes so efficient that users stop visiting the original source websites, it creates a dangerous feedback loop that threatens the very data the AI relies on. This can be broken down into three main risks:

The Incentive Collapse Platforms like TripAdvisor, Yelp, or Reddit rely on a "value exchange." Users provide free labor (reviews, guides, troubleshooting) in exchange for visibility, community status, or the ability to help others. If the AI strips away the interface and delivers the answer directly to the user, the original creators never see the traffic, the "thank you" comments, or the community engagement. Once the incentive to contribute vanishes, people stop writing reviews, and the data stream dries up.

The Stagnation of Truth AI models are excellent at synthesizing existing information, but they cannot "experience" a hotel or "test" a product. If users stop interacting with the source platforms, the AI begins to summarize outdated information. Without a constant influx of new, human-generated primary data, the AI's knowledge becomes a snapshot of the past. It becomes a "digital museum" rather than a real-time guide.

The Echo Chamber Effect (Model Collapse) There is a technical risk known as "model collapse." This happens when AI begins to train on data that was generated by other AIs. If humans stop posting original reviews on websites and AI starts generating "simulated" reviews to fill the gap, the AI begins to eat its own tail. The nuance, sarcasm, and genuine human emotion of a real review are replaced by generic, synthetic patterns, leading to a degradation of quality and accuracy.

For this ecosystem to survive, the relationship between the AI agent and the content provider must evolve from a "scraping" relationship to a symbiotic one. This might mean:

- Attribution-led interfaces: The AI doesn't just give the answer but actively nudges the user to contribute back to the source.
- New monetization models: AI agents paying "data tolls" or licensing fees to the platforms they draw from, which the platforms then use to incentivize human contributors.
- Direct-to-Source loops: The AI agent acting as a bridge that makes it *easier* for a human to post a high-quality review on the original site, rather than acting as a wall that hides the site.

Email -> Calendar -> check if you are availabe -> send an email back with a confirmation

03. MCP Protocol