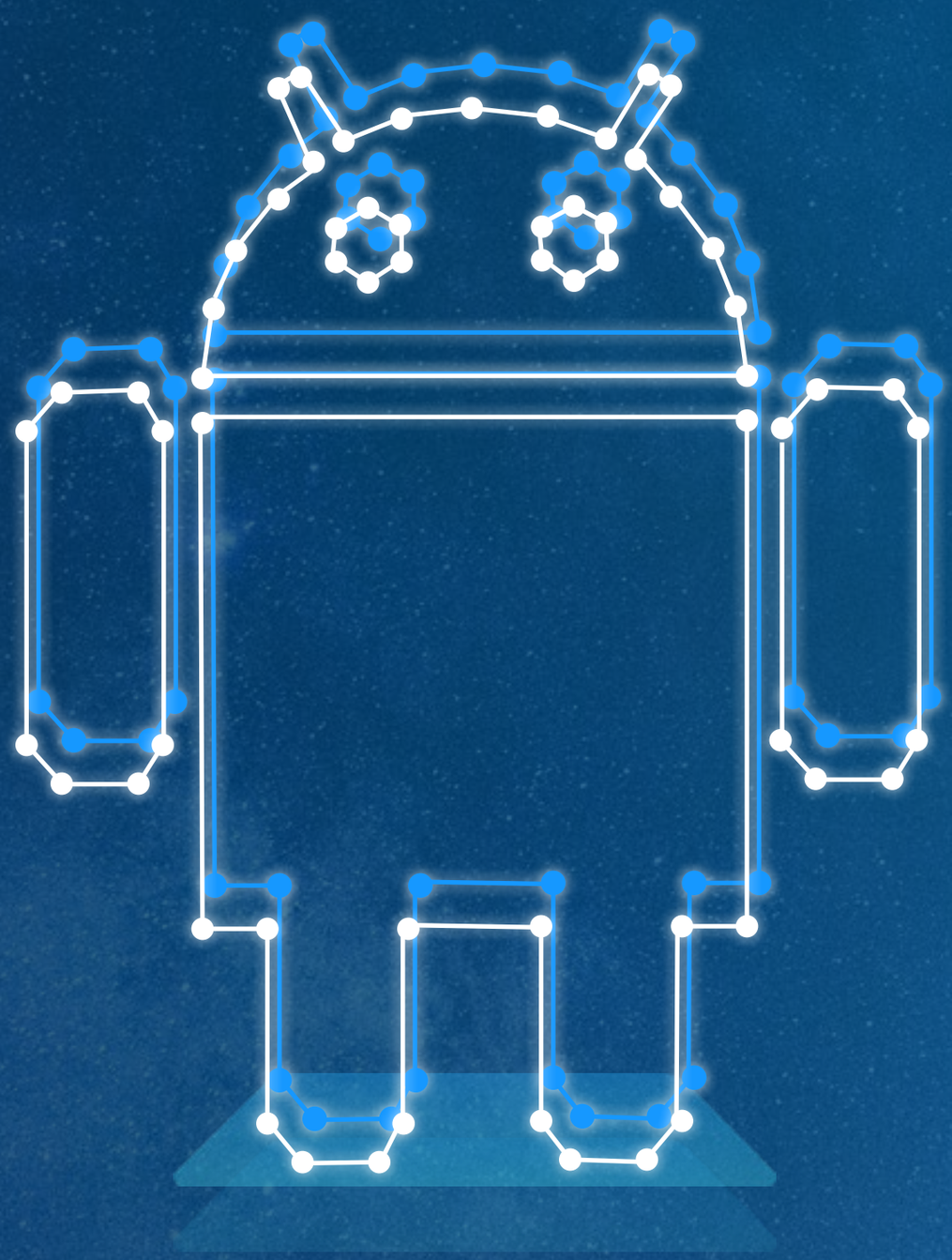
Star Map to The Galaxy of

Embedded Android



6 good reasons

to use Android in embedded systems.

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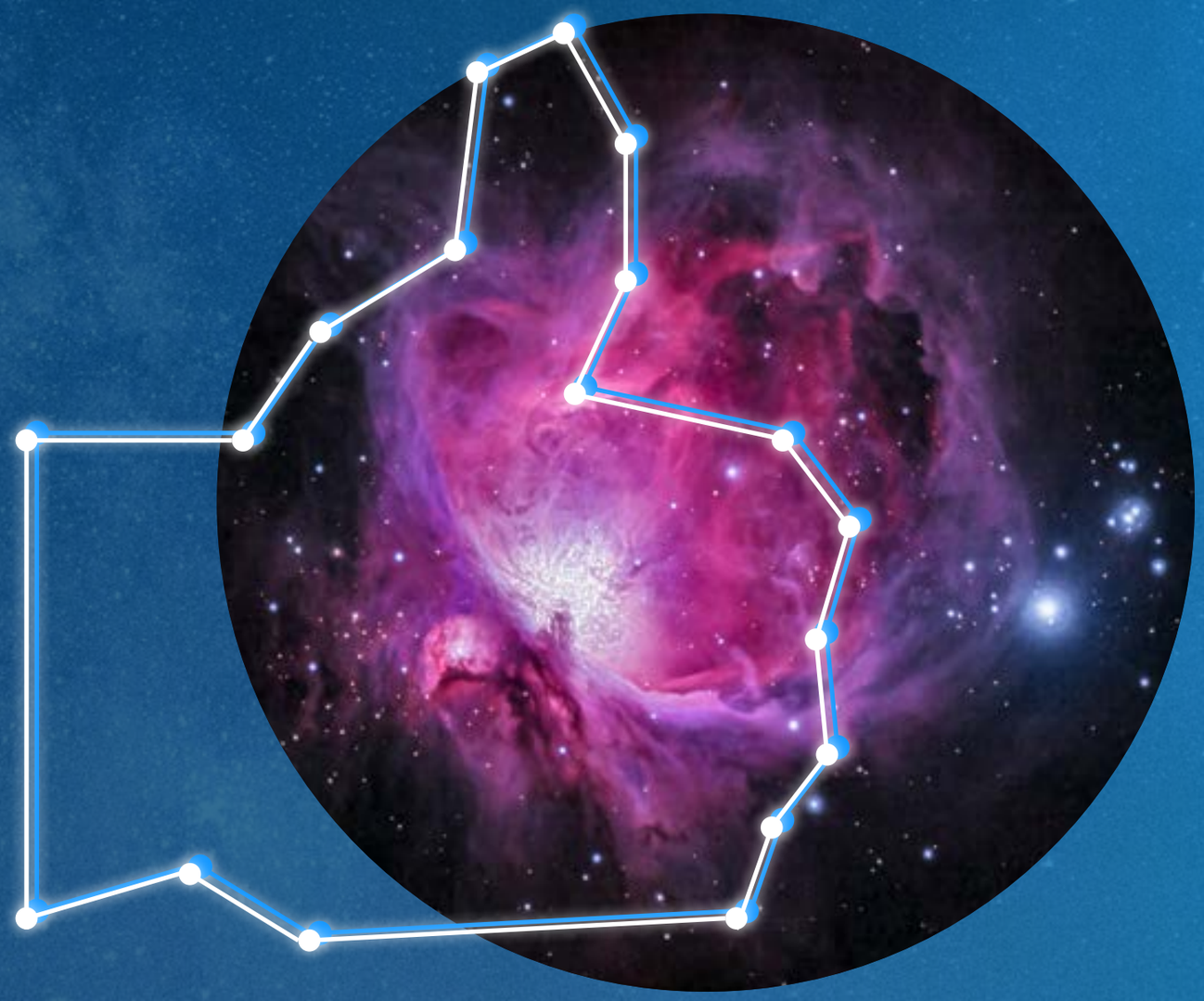
1 Constellation of **enhanced usability**

To enable users to better achieve their goals by using your products, user-friendliness is key. If touch control is included, Android is the natural choice.



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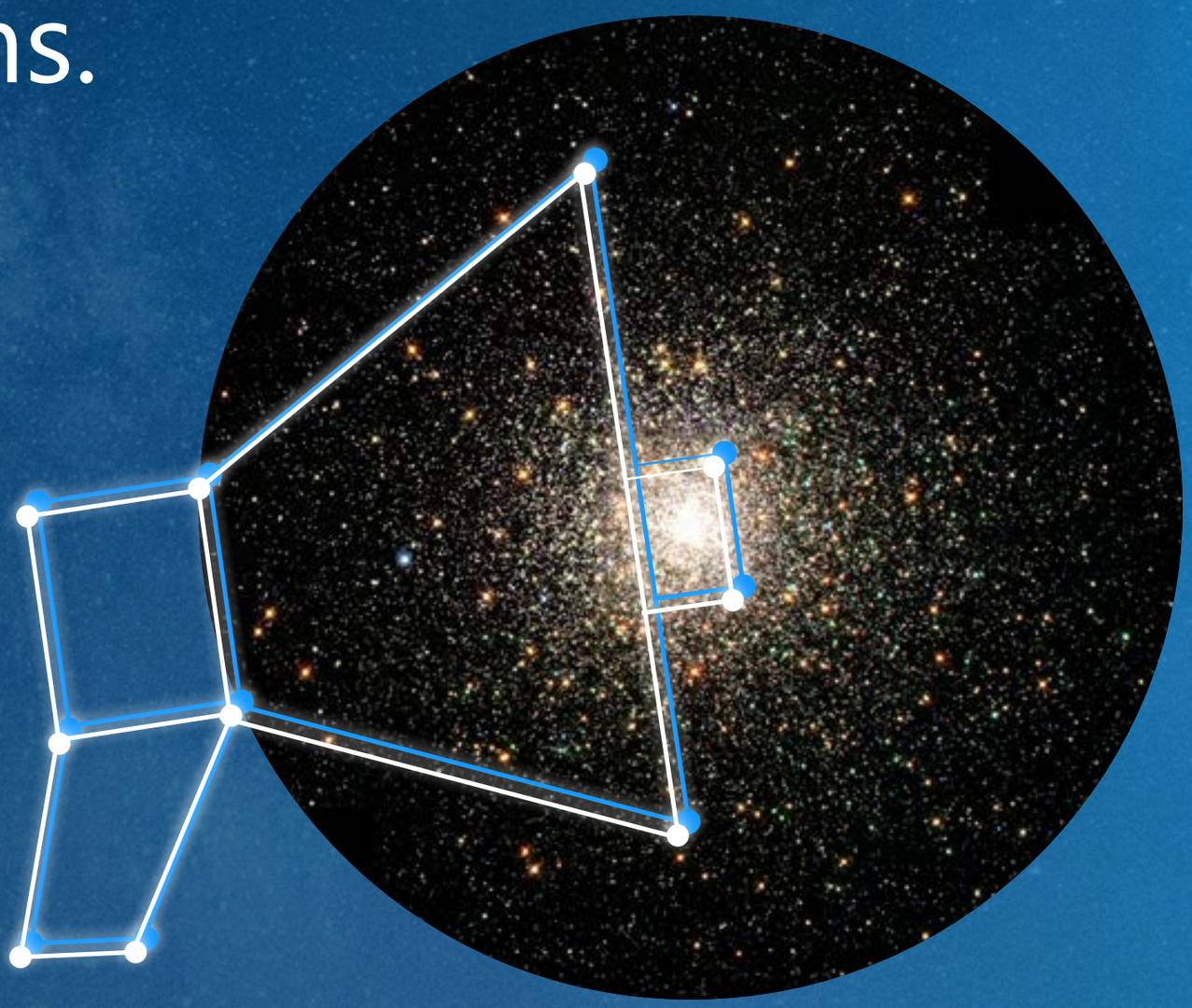
2 Constellation of **better communication**

The complexity of communication between different applications is optimized by Android. Its small footprint makes it a blessing for embedded systems.



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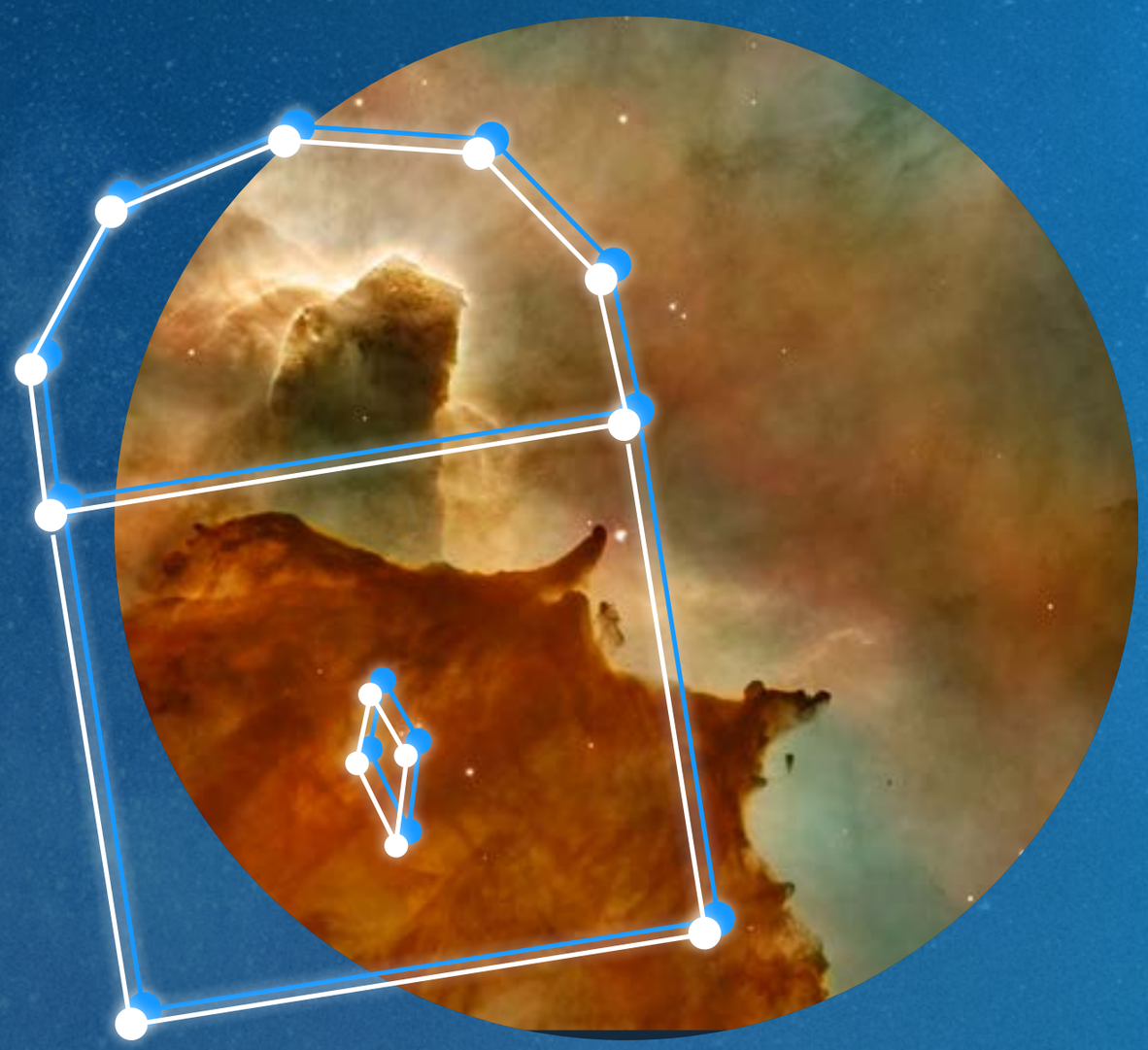
3 Constellation of **ensured security**

Android's built-in security features range from „SE-Linux" to biometrics to sophisticated device encryption.

Devices and customer data are protected from unauthorized access.



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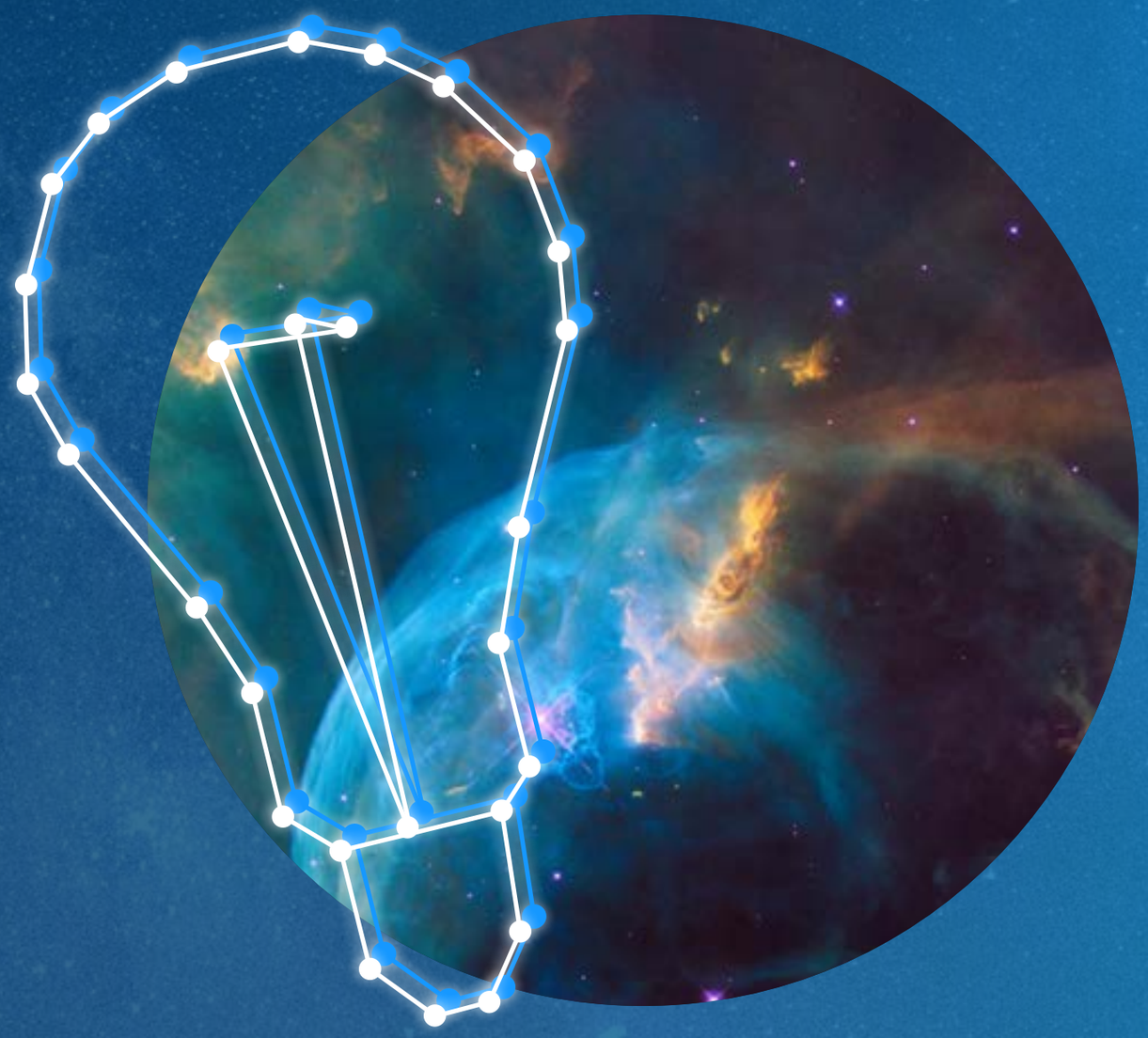
4 Constellation of **advanced innovation**

Android has a regular update schedule with releases every month. Also, arising from the high demand for apps, Android comprises a vast open source community.



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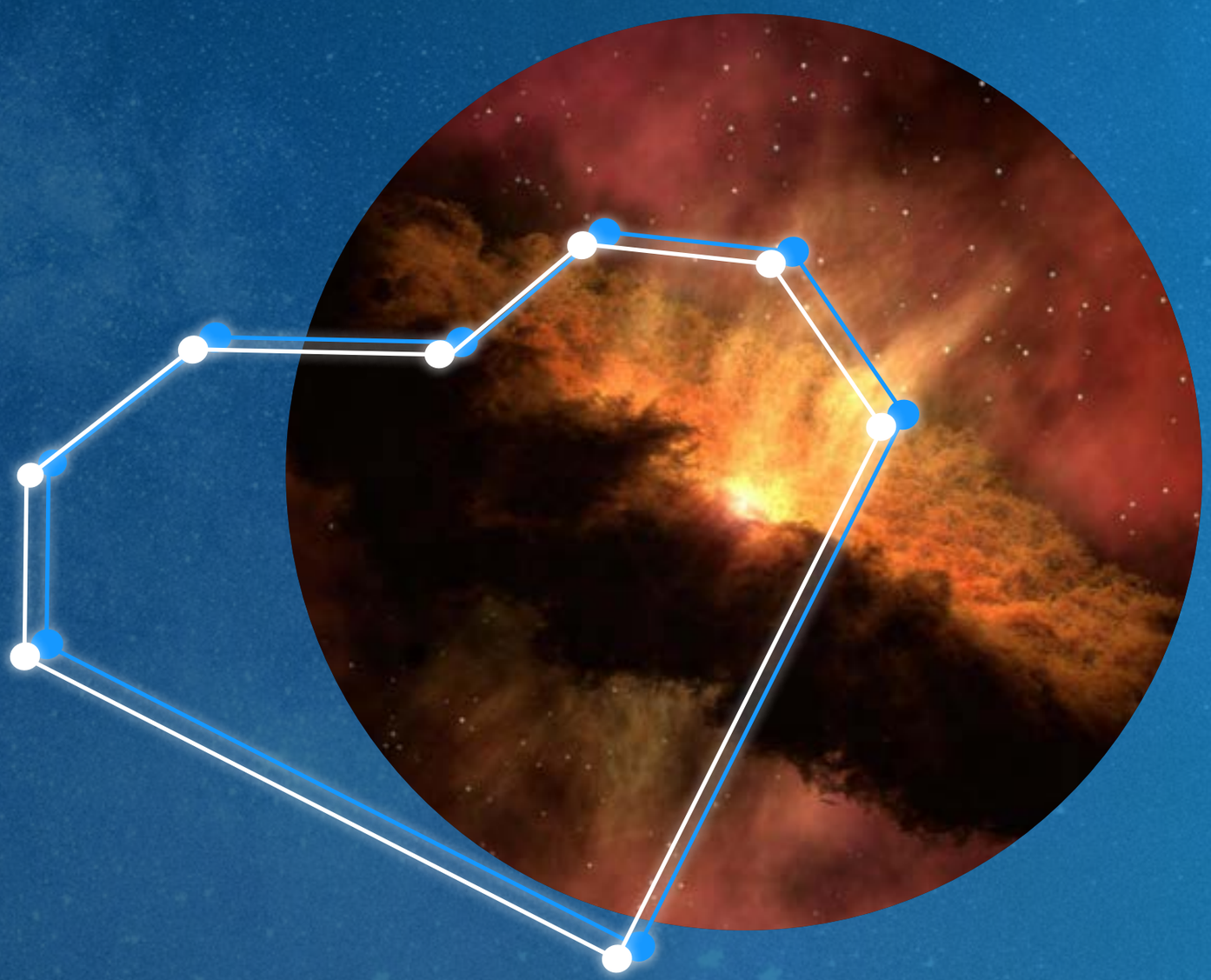
5 Constellation of **modified Linux**

Android is based on a modified Linux kernel. It benefits from many elements that Linux has to offer, such as existing drivers that enable faster porting.



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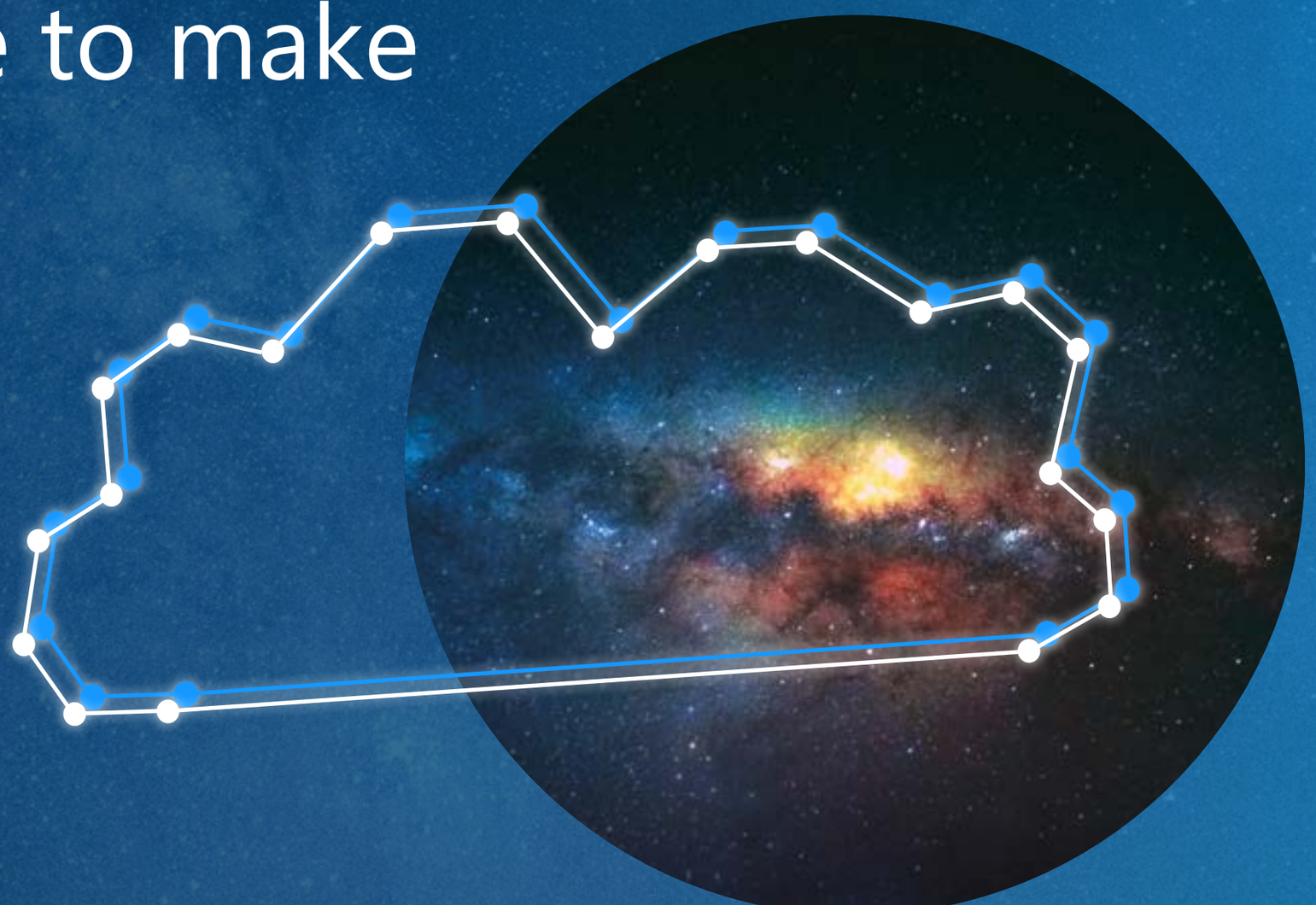
6 Constellation of **powerful cloud solutions**

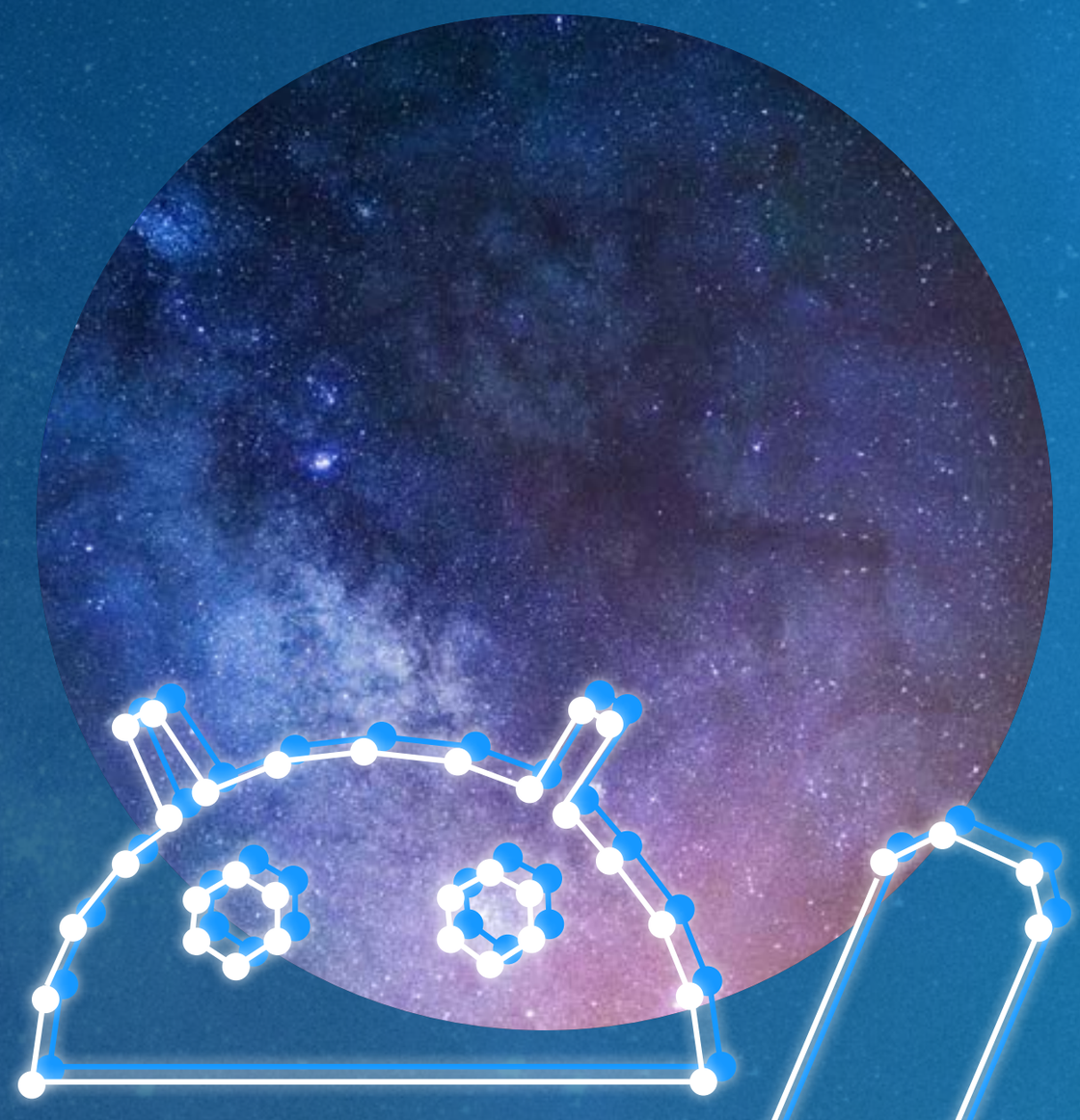
Managing Android devices remotely is comparably easy as it comes with a dedicated feature set. Experts can build and maintain a server infrastructure to make use of these features.



Are there only advantages?

Unfortunately, there are some challenges:

- Unsupported hardware
- Lacking Android OS knowledge
- Complex implementation of OTA updates
- … and more



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Want to benefit from the advantages without dealing with the challenges?

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