

CSPs are drowning in data and must build an efficient life raft

CSPs face a data-heavy future. It's a challenge; not only does it cause complexity and a massive amount of risk, it also creates huge opportunities. To capitalize on these opportunities and not drown in the data ocean, CSPs must effectively manage data.

Changing tides

The Internet of Things (IoT), 5G, smart technology – all this guarantees one thing for CSPs; more data.

New data, updated data, corrected data, deleted data – all needs to be managed, in-line with regulations, and instantaneously. But this operational ability does not lie in the reality of many CSPs current infrastructure.

Many still battle with updating data and rely on full data uploads. This method is time intensive and risky. With data being pulled from a variety of systems, CSPs must have a way to effectively alter only what needs to be changed.

A delta-based federation model filters out the changes, so that only valuable changes are conducted. This simplified method just pulls out the delta changes, reducing the time involved in updating, minimising the system load and risks.

Want to know more details about how delta-based federation model works – read our blog: '[Sieve your data for network efficiency](#)'.

If data is up-to-date, CSPs can utilize the information to drive a more efficient and informed service.

Data efficiency

With an accurate picture, CSPs can make critical decisions about systems and services. Getting this process right with the current level of data is crucial before the influx of connected devices.

20 billion connected things are predicted by research house Gartner on a global scale by 2020. This is only three years away and CSPs are still



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struggling with the current levels of data, which Gartner estimates at 8.4 billion in 2017.

Over the last decade CSPs have faced significant rises in the levels of data consumed as demand for new services and technologies has taken off. This data wave is set to continue and CSPs have two important aids at their disposal.

One; CSPs have specialist, legacy systems in place, and two; they still have time. Pulling together systems to effectively integrate data and implementing solutions that can optimize existing systems is integral to ride the wave.

But, leave it too long and your time advantage will be lost.

To find out more about how DonRiver can help support a delta-based federated model, get in touch.

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