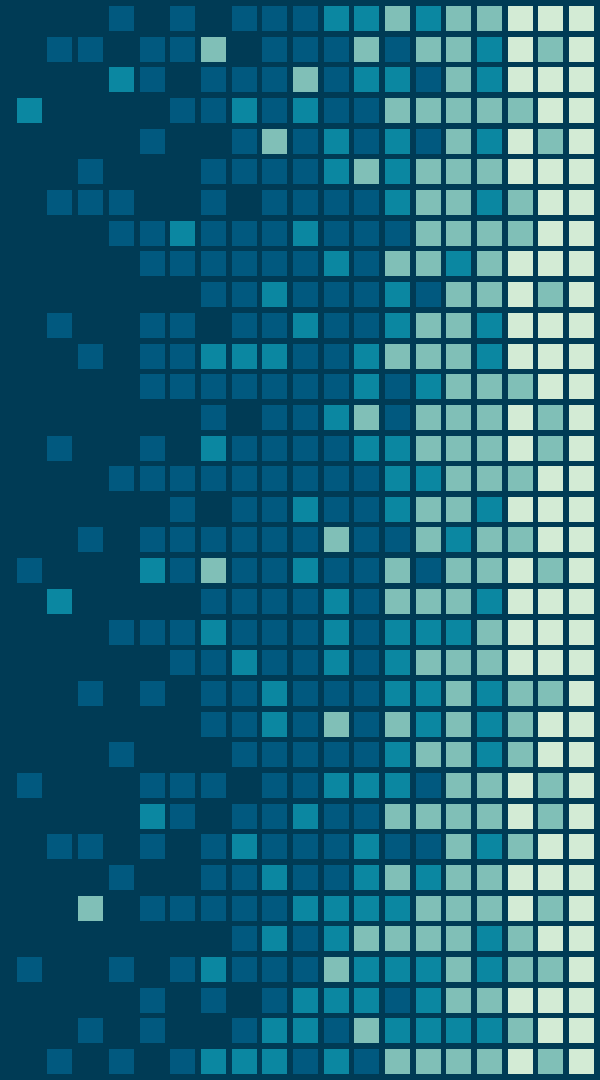


A vision for
Blockchain
Technologies in
Paperless
Operations





G'day!

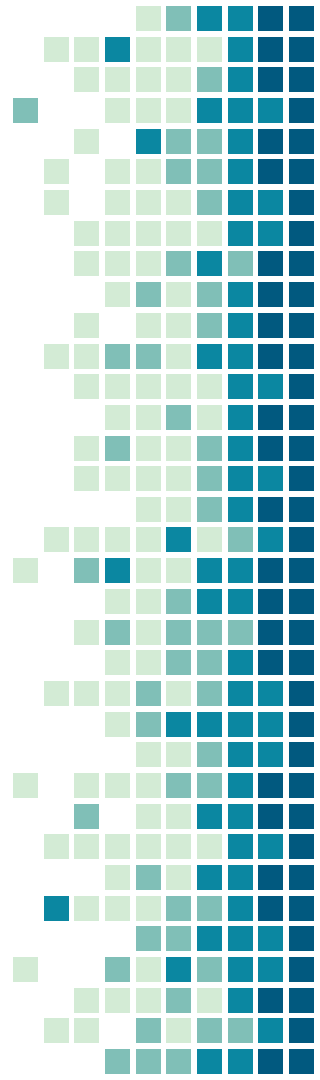
I am Mike Harris

Manager Engineering
Technology & Innovation at
Jetstar Airways

You can find me at

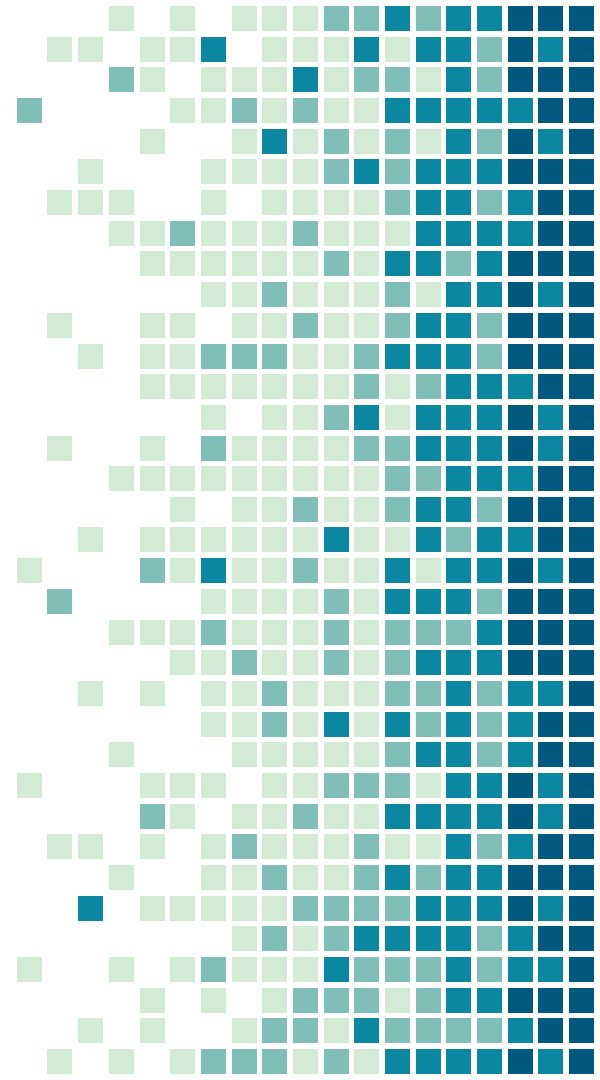
@mikeharris63

mike.harris@jetstar.com



What is Blockchain?

Isn't that just Bitcoin or something?





*By definition, the Blockchain is:
An incorruptible, distributed digital ledger of
transactions; one that is "secure by design".
A ledger that is broadcast openly to all, so that the
network as a whole can validate.
Now even though the word transactions was used,
this does not insinuate that the Blockchain is
financial. Transactions can include any data, an
individual's identity, and pretty much anything that
you would note in a ledger.
It is a cool concept once you understand how it all
works.*

Tim Dickens SEP 08 2017

Why would we consider it?

- Its and emerging Technology
- The potential is endless
- Augments existing systems (as opposed to replaces)
 - *Consider the new EASA rules around Records management and storage*
- ■ Assists with putting the power back into the hands of the operator (Knowledge is power)



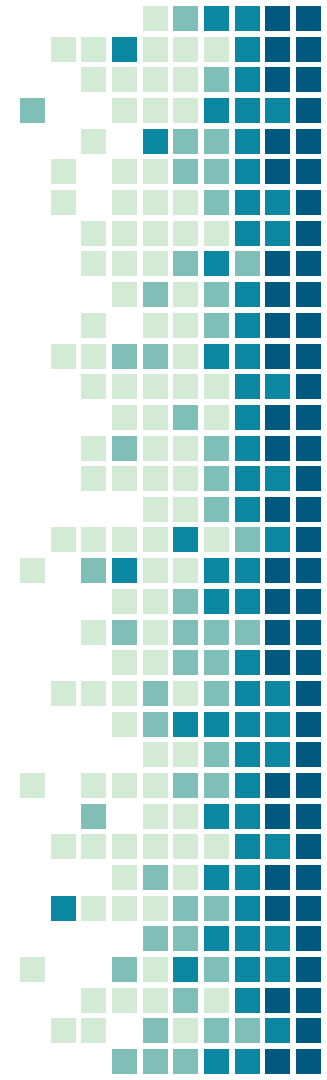


Imagine If...

- Like the internet once was (remember CompuServe), the Aviation Blockchain is just “everywhere”. What would that mean?
- Combined with other technologies (IoT for example) seamless, real time access to relevant and important data with zero doubt as to voracity.

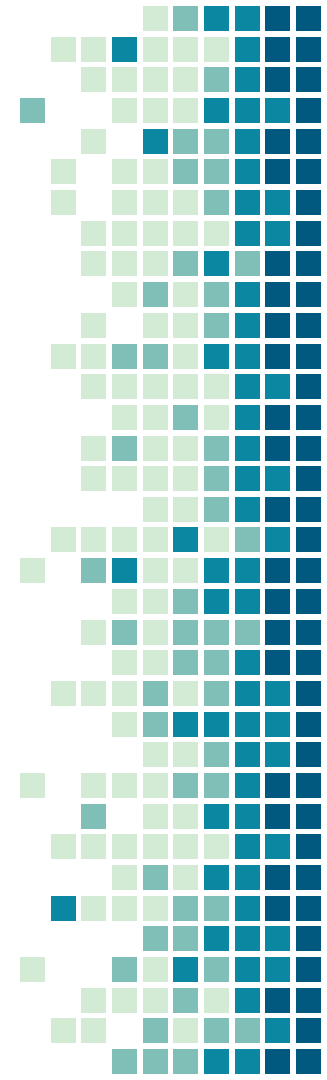
Are we sure its the future?

- No, although its certainly the future in some areas (e.g. financial sector)
- We don't know what we don't know. Proof of Concept(s) are required.
- We should assume it is a substantial part of the future until we prove otherwise.



What if we fail?

- Then we have potentially saved ourselves millions+ of dollars



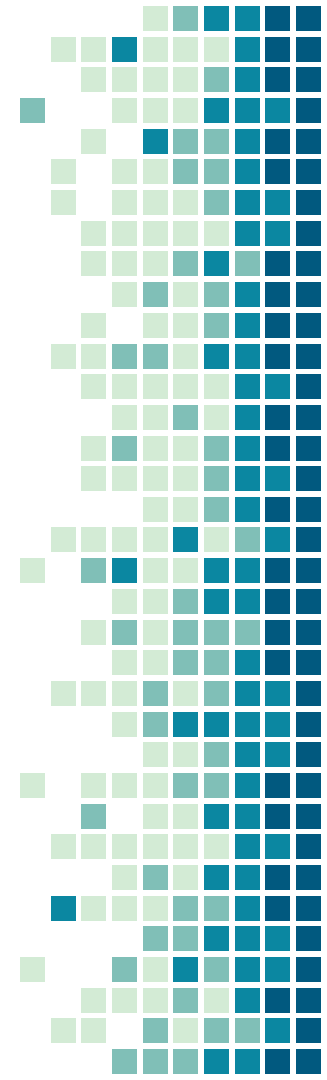
Thoughts on Proof of Concept..

Do

- Pick area that may benefit if Blockchain is successful
- Choose system/area that can run in tandem with very little (if possible zero) additional effort from users
- Choose system that POC can be turned back off with zero impact

Don't

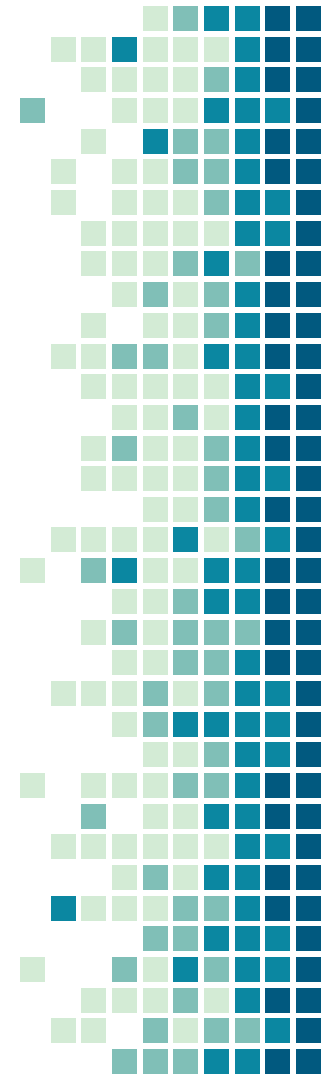
- pick existing business problem to solve
- POC does NOT need to meet any actual business objectives (don't confuse POC with trial implementation).





The vision...

- Blockchain has the potential to solve some of the existing challenges facing paperless operations
- Providing ubiquitous access to meaningful, trusted data for all operators



THANKS!

Any questions?

You can find me at:

@mikeharr63

mike.harris@jetstar.com

