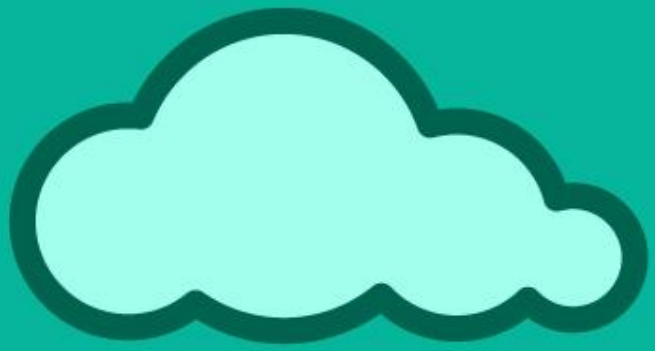


Every cloud

...has a silver lining

hive

presented by
alan benson & edmund j sutcliffe

Data Centre

...today's pressures

hive

Data growth 40-70% per year

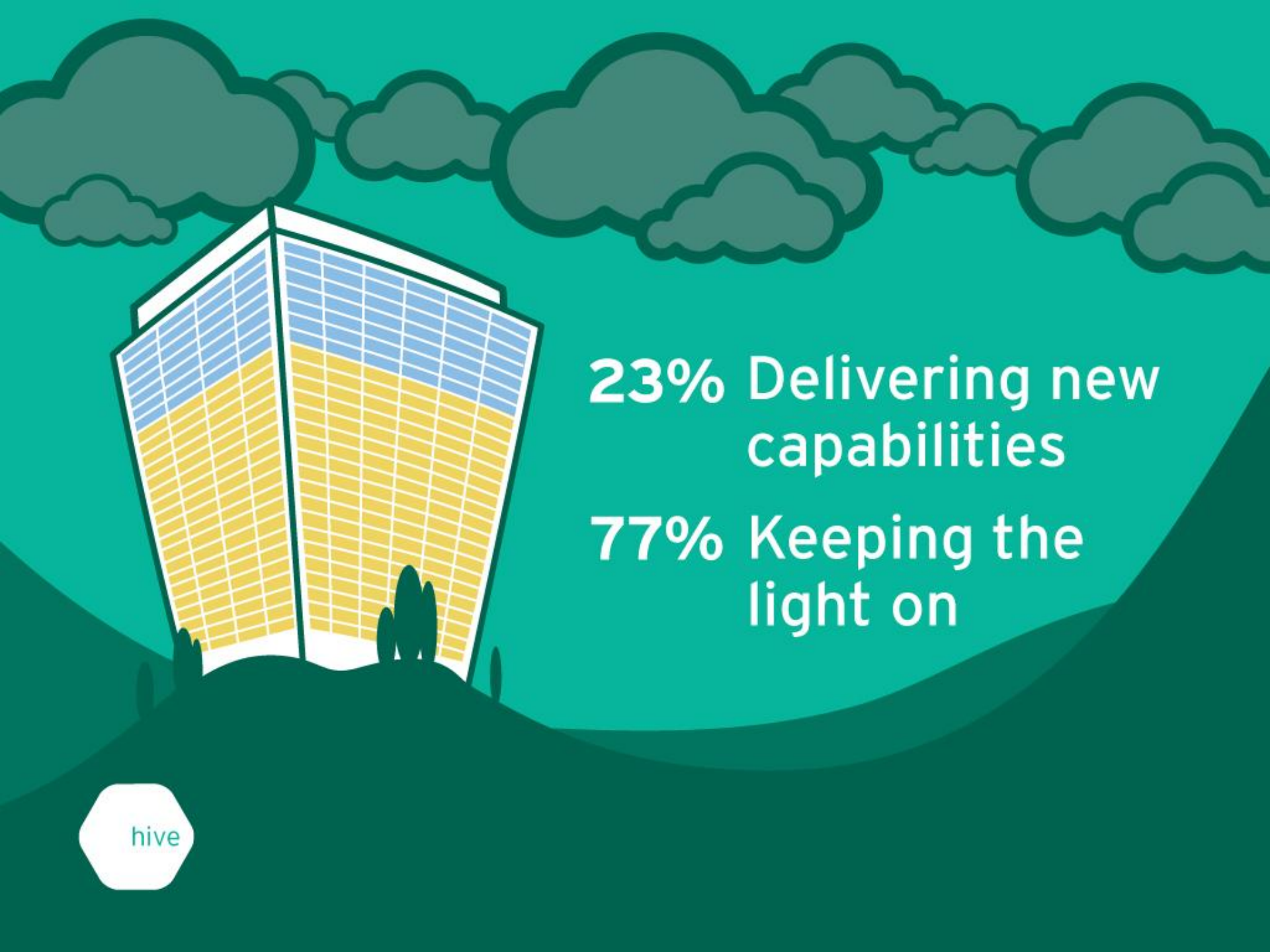
Provisioning applications can take up to 3-6 months

hive

Low system utilization raises Power & Cooling to 25-30% of budget

hive

Where time
is spent
hive


23% Delivering new capabilities
77% Keeping the light on
hive

Budgets

...where do they go?

hive

Infrastructure Investment	5%
Application Innovation	23%
Application Maintenance	30%
Infrastructure Maintenance	42%

hive

x86 and Unstructured Data responsible for largest costs... ...yet is invisible

hive

Cloud Computing
...what exactly is it?
hive

Cloud Computing
...what's the appeal?
hive

Cloud computing has been defined as

"everything that we currently do"

and that it will have no effect except to

"change the wording on some of our ads"

Larry Elison, Oracle

"RISKS"
hive

Practical Experiences

Where does this leave us?

hive

Once upon a time
...not so long ago
hive

Designed by hand
Built by craftsmen
Maintained by feudalism
hive

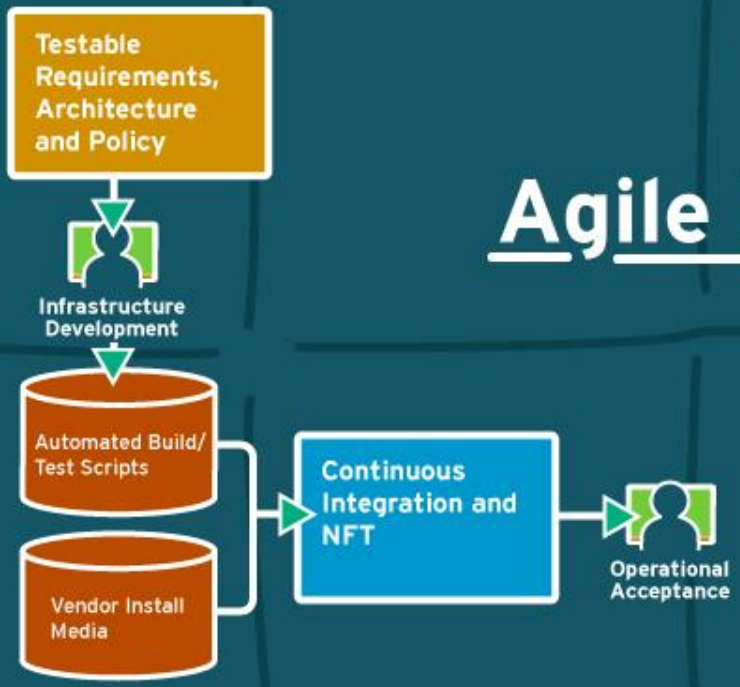
...the years past
hive

Designed by committee
Built by labourers
Maintained with effort
hive

Designed by architect Built by code
Maintained simply
hive

...happily ever after.
hive

Agile Infrastructure



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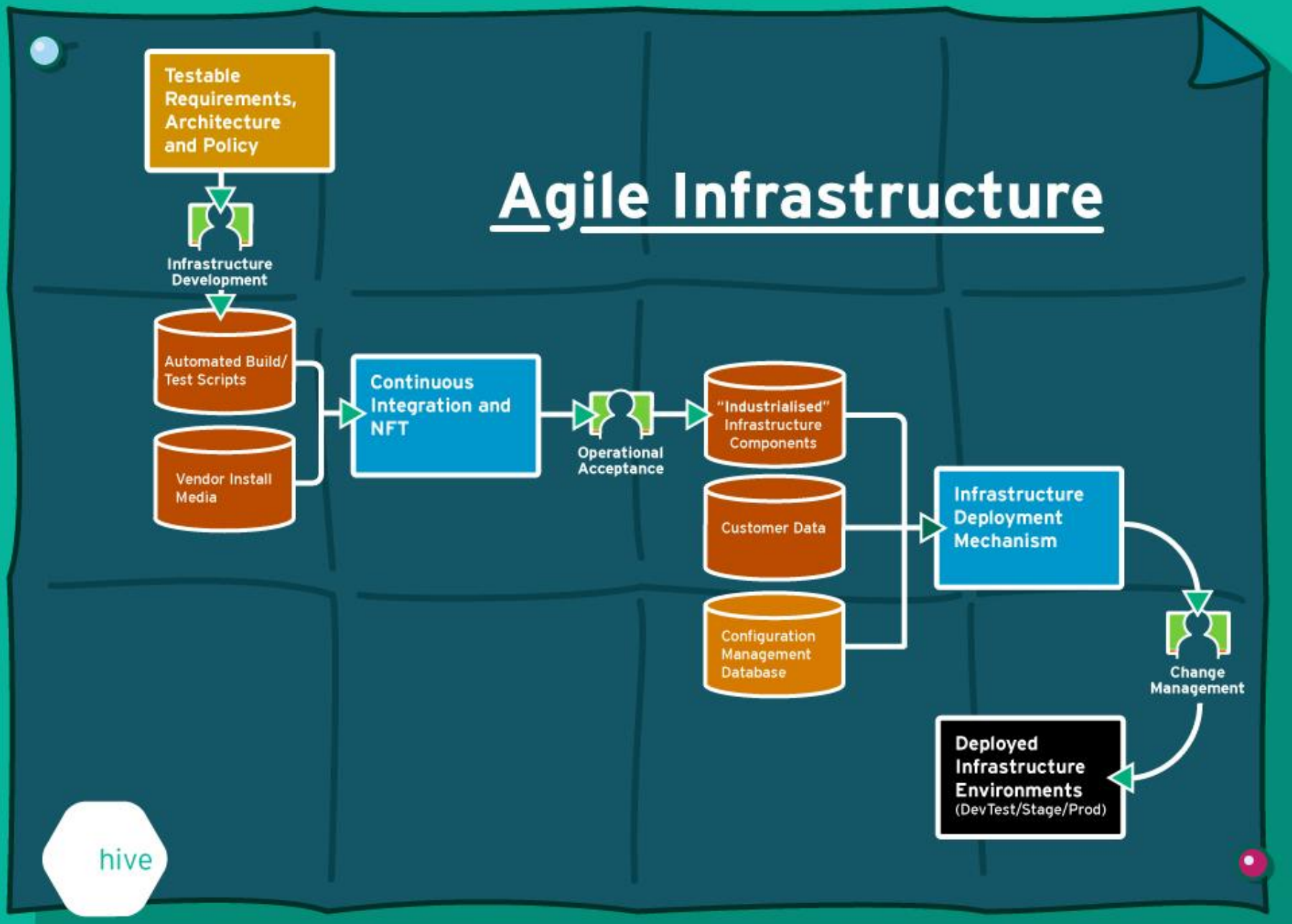
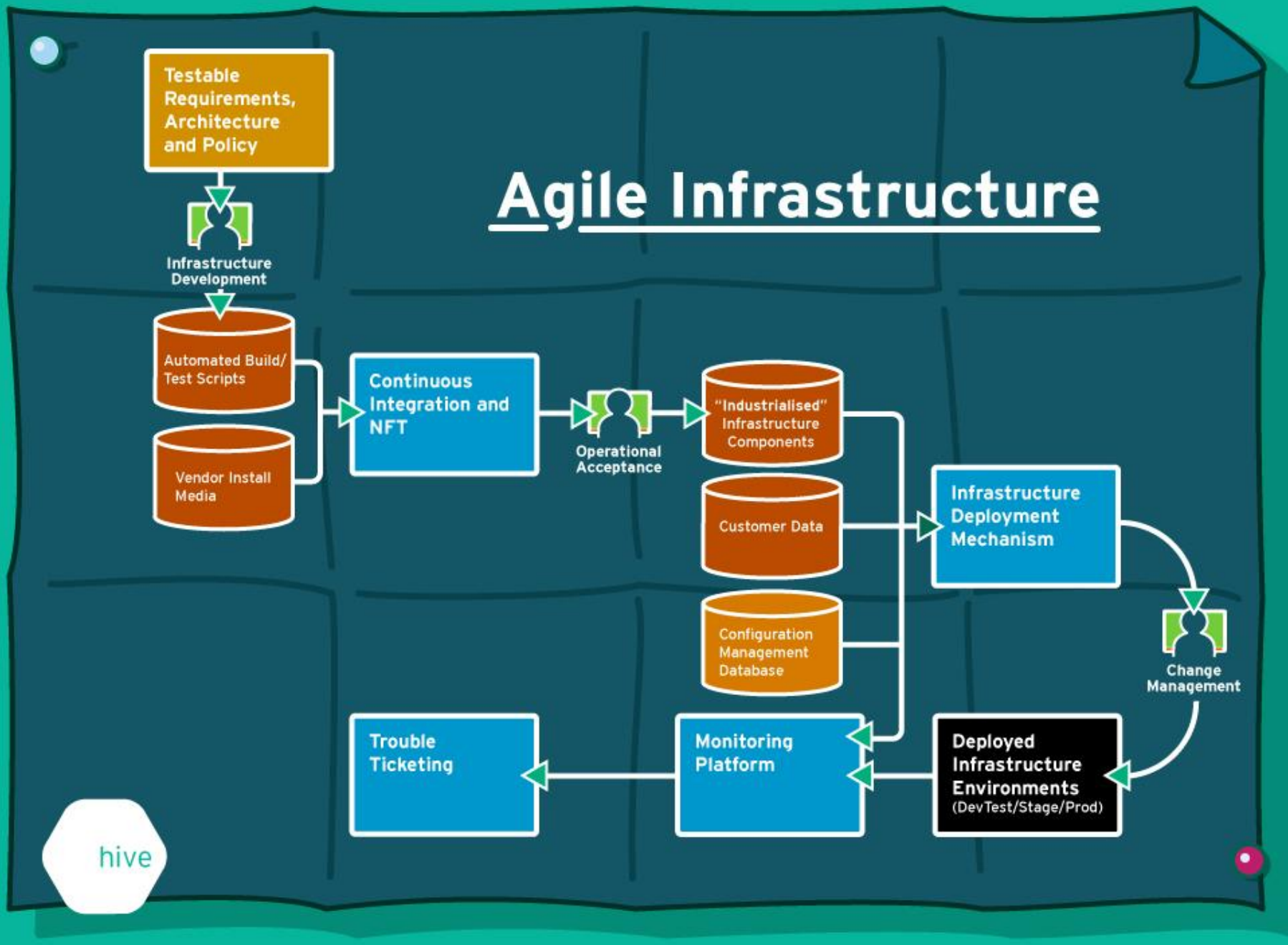
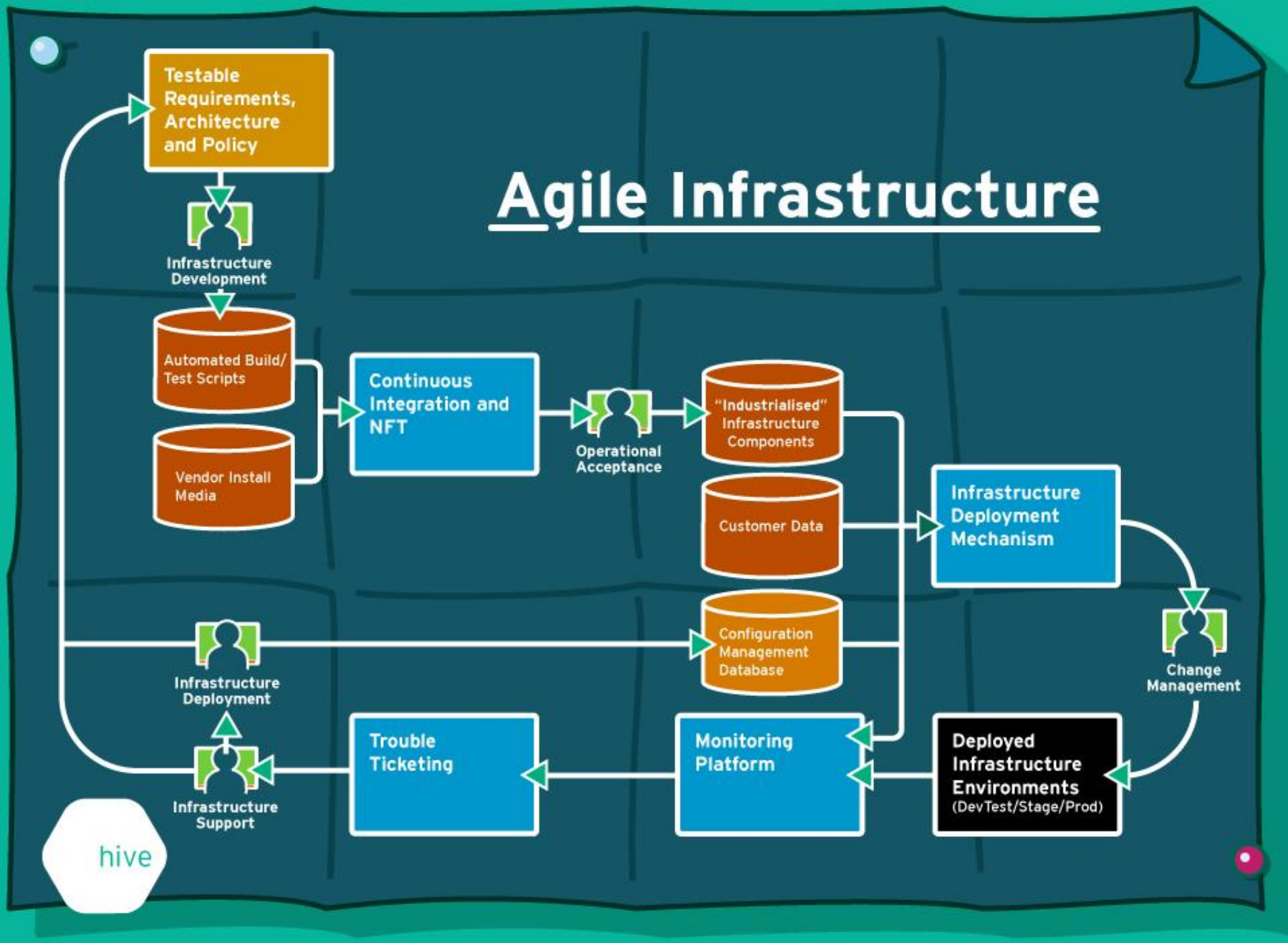
Agile Infrastructure




Agile Infrastructure
Testable Requirements, Architecture and Policy
Infrastructure Development
Automated Build/ Test Scripts
Vendor Install Media
Continuous Integration and NFT
Operational Acceptance
"Industrialised" Infrastructure Components
Customer Data
Configuration Management Database
Infrastructure Deployment Mechanism
Change Management
Deployed Infrastructure Environments (DevTest/Stage/Prod)
Monitoring Platform
Trouble Ticketing
hive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Monitoring Platform
Trouble Ticketing
Infrastructure Deployment
Infrastructure Support
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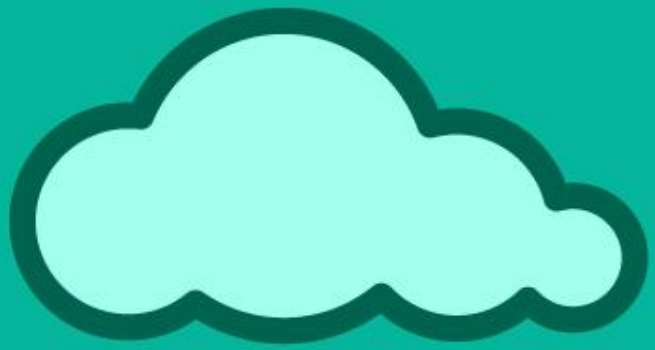
Peace and harmony
...returned to the land
hive



A morality tale

All names, characters and incidents portrayed in this production are fictitious. No identification with any persons living or dead is intended or should be inferred.

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You have been watching...
alan benson & edmund j sutcliffe