



# DSI as a service

International Women's Day - 20 mars 2018

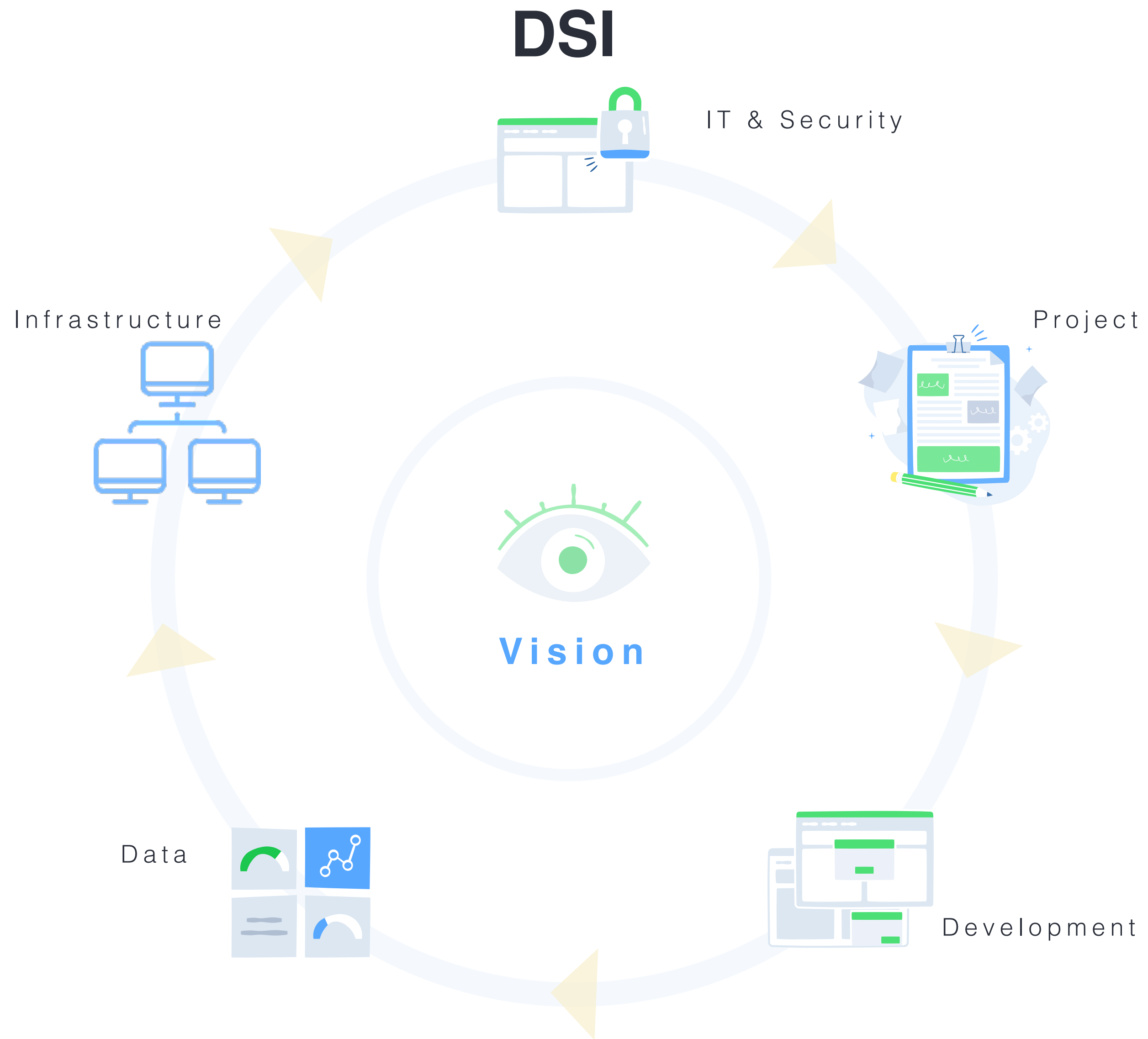


**@Gaelleacas**  
**Développeuse**



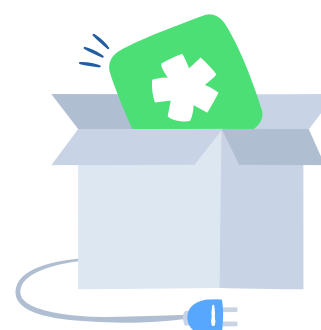
Google Cloud Platform







Direction des **S**ystèmes d'**I**nformation



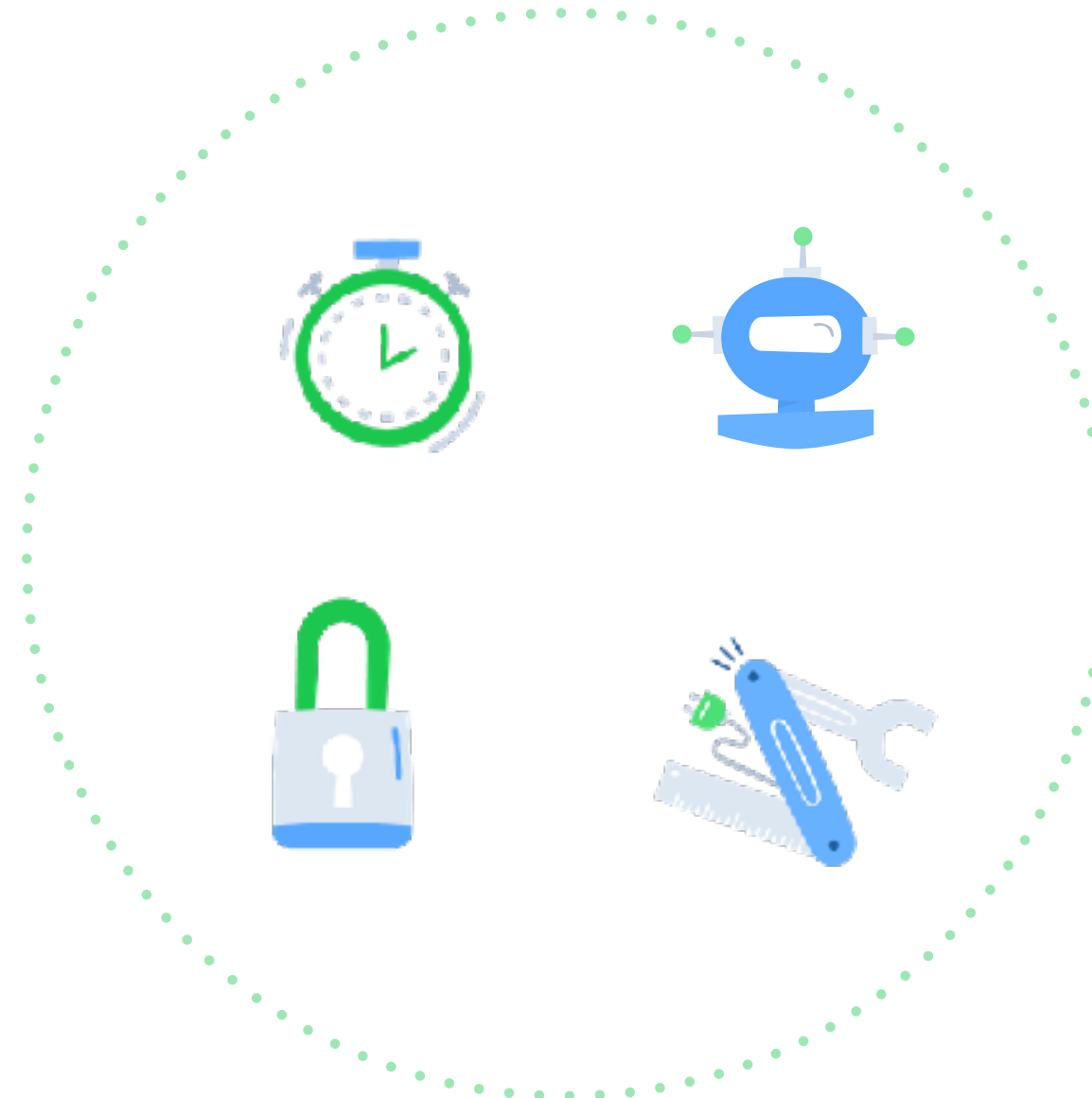
Direction des **S**ystèmes d'**I**nformation

# Besoins

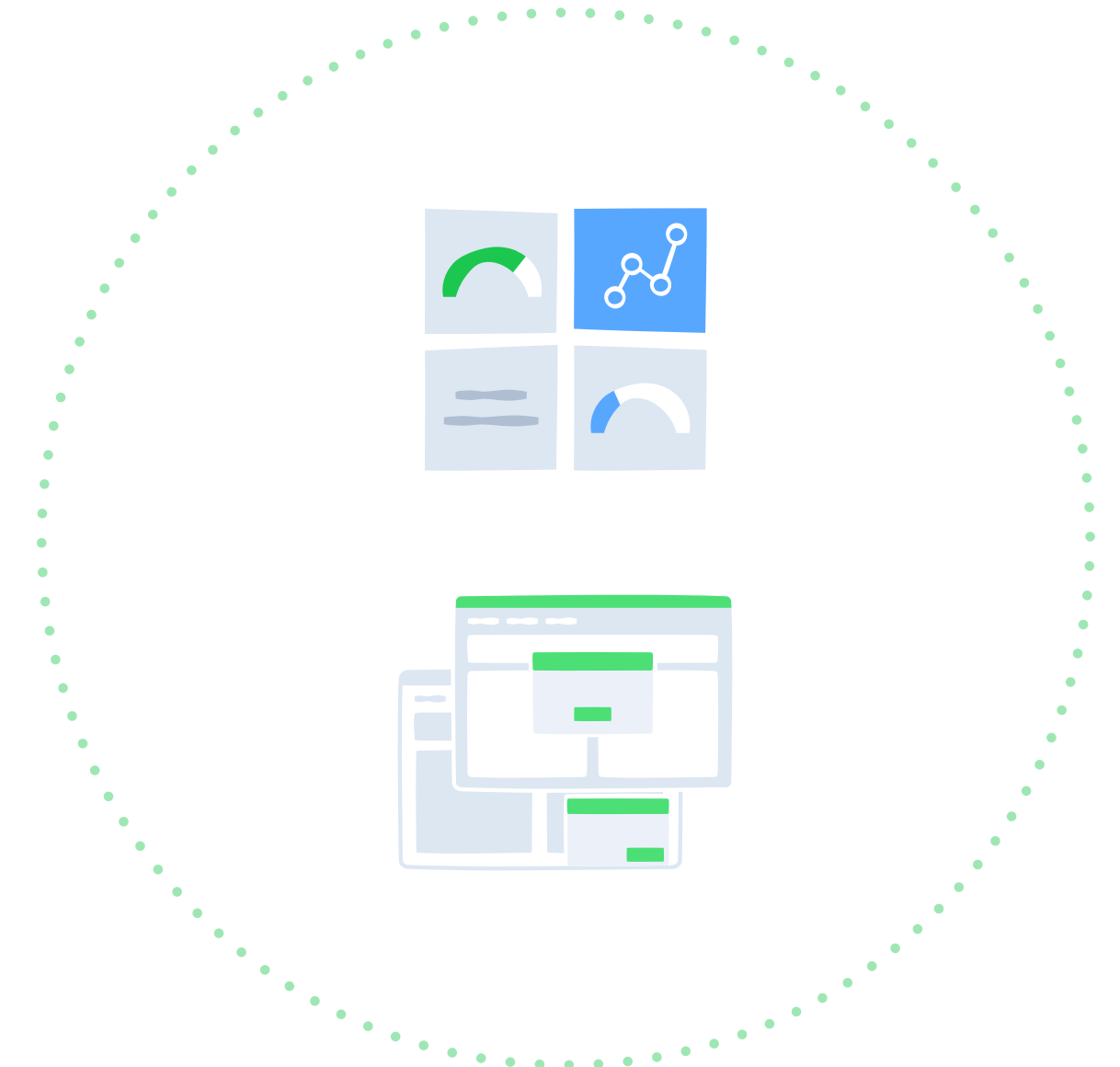
Synchronisation



Automatisation & Sécurité



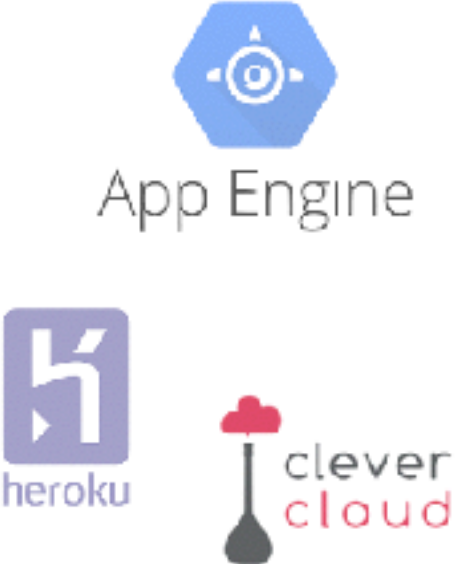




Data & analytic driven



# XaaS dans le Cloud

(Everything as a service)

SaaS	FaaS	PaaS	CaaS	IaaS
<b>Software</b> as a Service	<b>Function</b> as a Service	<b>Platform</b> as a Service	<b>Container</b> as a Service	<b>Infrastructure</b> as a Service
				

# Avantages du XaaS

Paielement / Conso

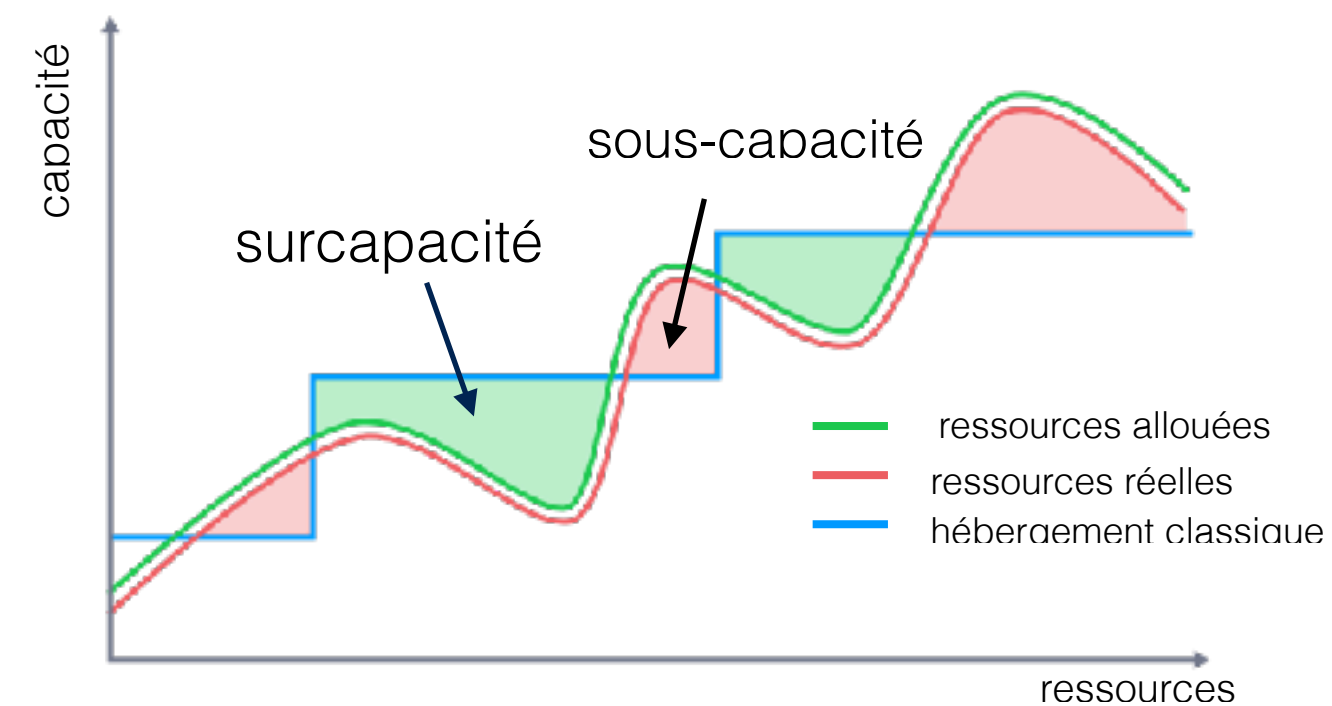
Haute disponibilité

Mise à jour évolutives

Sécurité

Flexibilité

Accessibilité et mobilité





## Migration dans Google Cloud



BigData



Google  
Big Query



+



kubernetes



Google  
Kubernetes  
Engine

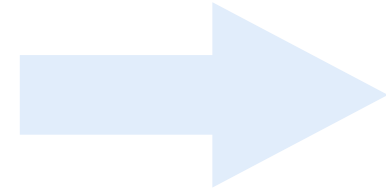
Services managés



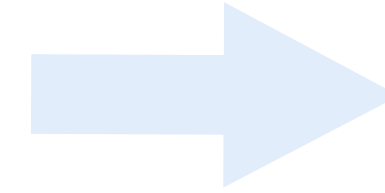
Cloud services

# Déploiement Continue

CODE



BUILD



DEPLOY

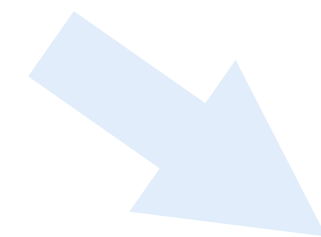
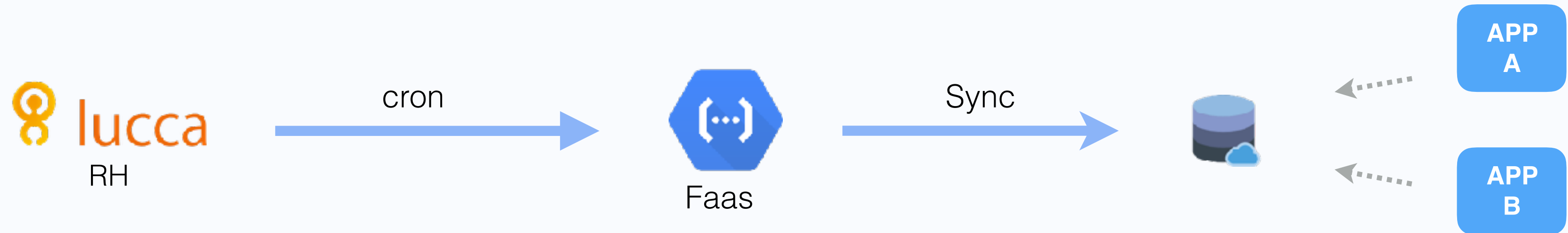
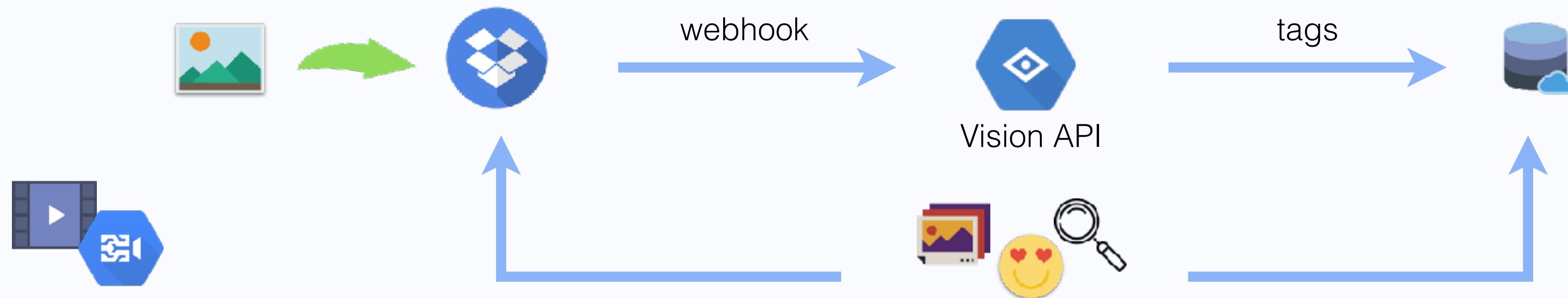


Image  
Registry

## Centraliser



## Content as a service





Direction des **S**ystèmes d'**I**nformation **A**s **A** Service

# REX



Become a "Dev Cloud Ready"



- Multitude de services
- "Pay as you go"
- Disponibilité
- Infrastructure gérée



- La référence
- Stable
- Pas de maintenance
- Documentation



Keep costs under control

- Maîtrise des coûts
- Externalisé
- Contraintes

# Communauté



[googlecloud-community.slack.com](https://googlecloud-community.slack.com)



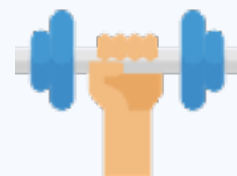
[kubernetes.slack.com](https://kubernetes.slack.com)

**fr-users**

**k8s-women**



[nantes-dev-community.slack.com](https://nantes-dev-community.slack.com)



<https://qwiklabs.com>

<https://www.katacoda.com>



<https://kubernetes.io>

<https://cloud.google.com>



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DSI Team

@toinane

Articles qui m'ont inspirés :

- "Viré pour absence de strategie Cloud" by @DidierGirard
- Pwc - DSI as a service
- Kubernetes resources

 Kubernetes & CI end to end show At KubeCon 2017 by @kelseyhightower