

The Punch 7.0 For Users



First Quarter 2021

Thales Punch and Kast team

Agenda

- Punch Deliverables
- Punch Concepts
- Punch MarketPlace
- Example Use Case
- Thanks



Punch Deliverables

<https://punchplatform.com>
contact@punchplatform.com



Punch Standalone

By Thales Service

6.x compatible

Core Package

A free yet complete development platform that runs on any nix laptop. Focus on your your applications using standard code editors and tools. Not with containers, ssh or remote accesses. Whatever you do will run fine on production.



Punch Console

By Thales Service

6.x compatible

Core Package

A lightweight Kubernetes-ready console. Operate your punch from outside or inside your Kubernetes cluster instance.



Punch Deployer

By Thales Service

6.x compatible

Core Package

An all-in-one complete distribution to go production. Deploy your punch on on-premise or on cloud IAAS. Offline friendly.



Professional Services

By Thales Service

Core Service

A Thales Service dedicated team provides help and support. From the early design stages to long term evolution. Trainings, online documentation, upgrade, audits, maintenance in operational state and safety.



Punch Concepts

<https://punchplatform.com>
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Channel

Executable unit : start stop status reload



Tenant

Logical grouping of channels.
Provide naming and isolation scope.



Punchline

Declarative data processing pipeline.
Spark, Storm, Flink. Java, Python, Go.



Plan

Periodic and resilient punchline cron.



Book

Full-fledged punchline workflows.



Punchlet

Function written in punch.
Deployed in a punchline.



Function

Function written in python, java or go.
Deployed in a punchline.



Punch Apps MarketPlace

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Feedback UI

By Thales Service

Core Feature

Provide feedback and labels to AI produced data.



Sparkline

By Thales Service

Core Feature

Declarative Spark and PySpark Pipelines



Flinkline

By Thales Six GTS

Core Feature

Declarative Flink Pipelines.



Stormline

By Thales Service

Core Feature

Declarative Storm Pipelines.



Log Parsers

By Thales Service

Core Feature

70 log parsers. Go cyber easily.



Punch UI

By Thales Service

Core Feature

Punch management UI.



Punch Manager

By Thales Service

Core Feature

Punch management service.



ES API Gateway

By Thales Service

Core Feature

Open your Elasticsearch data through safe and protected APIs.



Data Pack

By Thales Six GTS

Core Feature

Data centric features.



Core Pack

By Thales Six GTS

Core Feature

Kubernetes Native IAAS.



Data Science Pack

By Thales Six GTS

Core Feature

The best of Kibana, Superset and Grafana enriched for your use cases.

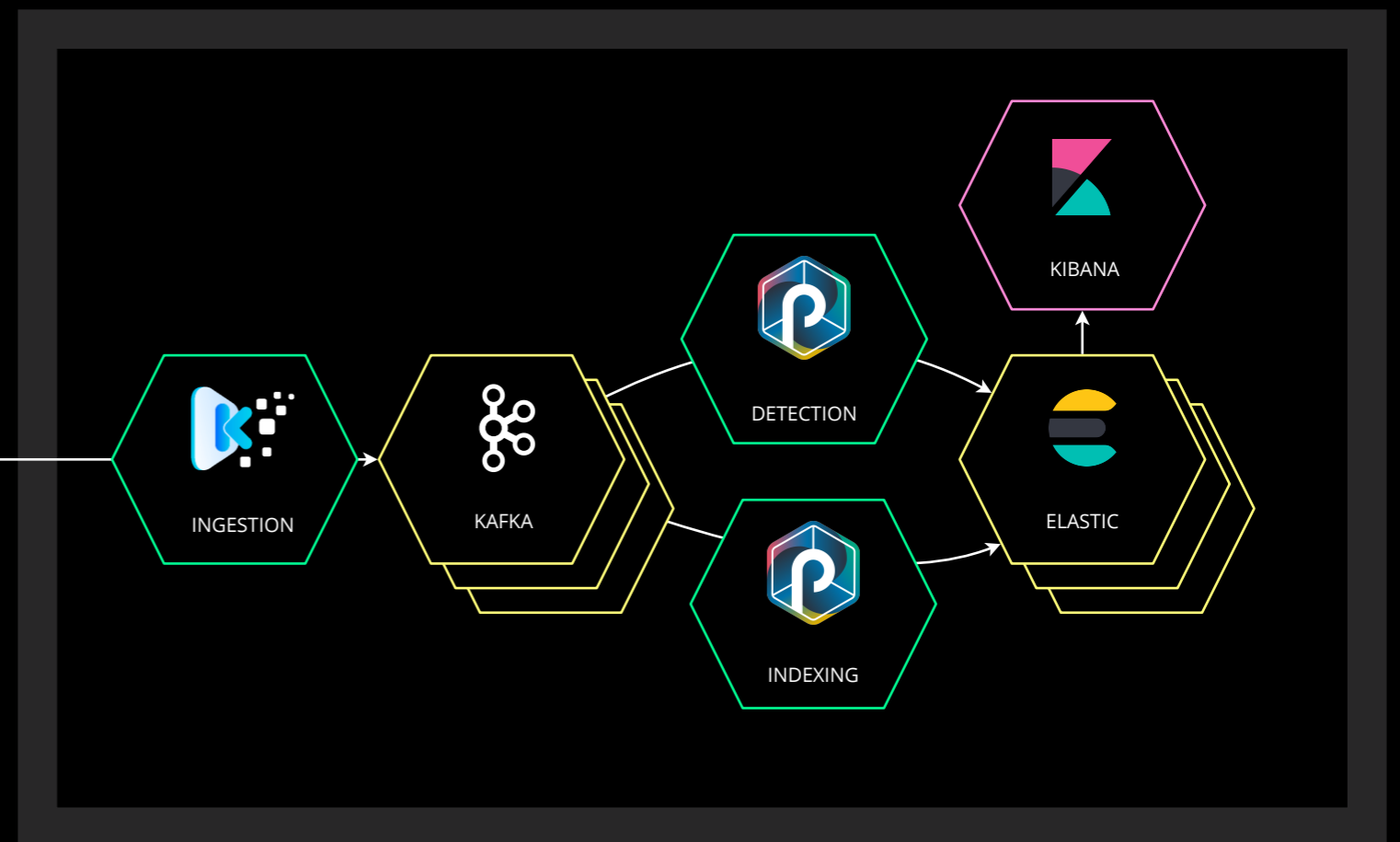


Example : a Radar data processing Use Case

<https://punchplatform.com>
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Operator	Flink line
Standalone	Spark Punchline
Deployer	Storm Punchline
Core Pack	Data Pack





Thanks !

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