Essentials of
Digital Transformation
BEAST(API GW) Solution

BEAST has global competitveness through API Lifecycle management, API DevOps utilization, integrated control/monitoring, and easy Custom Handler UI features.

Easy API Lifecycle Management

Realize API Devops with API registration, verification, user testing, & real-time deployment functions. In addition, it provides the strongest security with flexible settings according to authentication /authorization conditions.

Optimize performance for bulk traffic

Provides stable traffic processing by distributing traffic load by condition through routing and load-balancing.

Optimized operating environment by providing real-time dashboard

Provides real-time traffic analysis, real-time control, monitoring and statistical functions for API/services.

Rapid detection of anomalies to prevent service/system failures

Provides real-time API/service control and blocking, log tracking, circuit breaker, and traffic trend status.

Development of domain-specific features through BEAST Web IDE

Easy and fast customized development with development tools provided by BEAST.
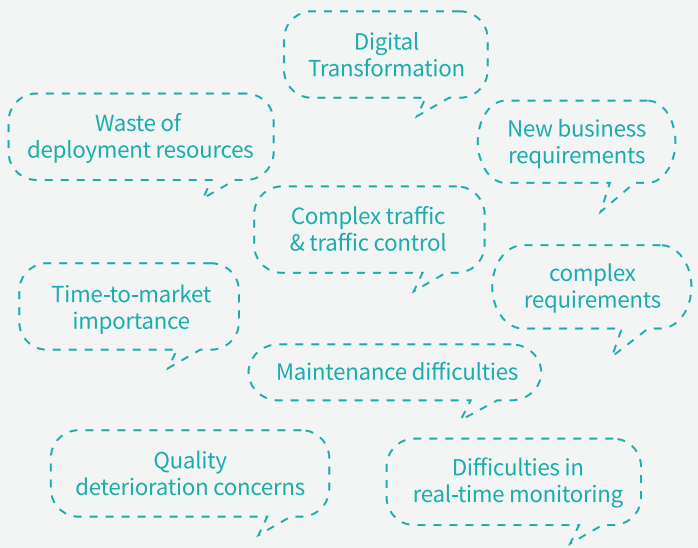
* IDE (Integrated Development Environment).

BEAST

platform-digico.com

digico.beast@kt.com

BEAST
Essentials of
Digital Transformation
API Gateway Solution

kt ds

The era of digital transformation, How to manage API?

- Digital Transformation
- Waste of deployment resources
- New business requirements
- Complex traffic & traffic control
- complex requirements
- Time-to-market importance
- Maintenance difficulties
- Quality deterioration concerns
- Difficulties in real-time monitoring
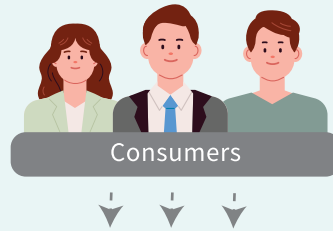
BEAST

✓ Gain high-performance, low-cost competitive edge

✓ Reduce costs by optimizing system deployment period

✓ Provides integrated control from the operator's point of view, anomaly detection, and log tracking features

✓ Provides domain-customized development

✓ Easy customizing development using BEAST Web IDE development tools

Beast Solution
API Gateway pursues the essence

BEAST registered APIs can be used freely after customers apply for API use.

Consumers

Open API integration management

BEAST

A A A …
B B B …
C C C …

★ Easy API registration, modification, deletion, and deployment management

A
A A

B
B B

C
C C

Provider Provider Provider
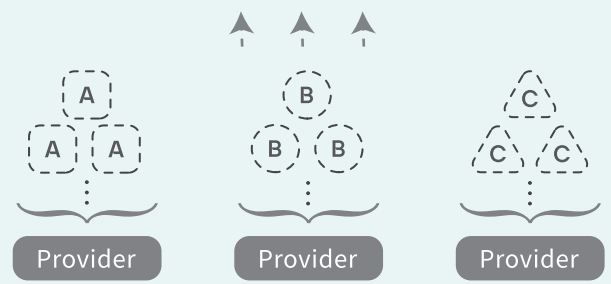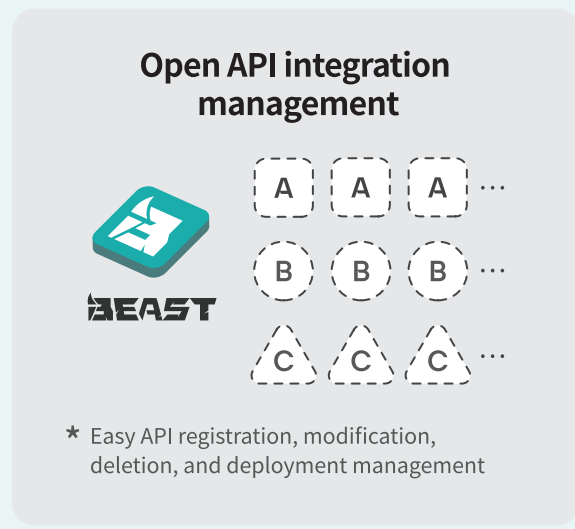
More than 30% increase in throughput compared to global competitors

★ BEAST maintains performance with -1% standard error when adding API functions other than simple forwarding

(요청*동시접속)/총소요시간 = TPS

Proxy: 4,343 -18%
+ 인증 (Handler): 4,279 -3.4%
+ 인가 (Handler): -11.6%
+ SLA (Handler): 4,25 10.9%
+ Header 변환 (Handler): 4,207

BEAST 4,207
3,221

Business area & Reference

- Company's internal systems
- Financial
- Smart healthcare
- Large-scale system integration projects
- Microservice (MSA) projects

section	thailand IPTV	KT SHUB APIGW
member	900,000	-
traffic	100,000,000 /Day	70,000,000 / Day
service	915	800
API	150	1,200
peak traffic	3,500 TPS	1,200TPS