Proprietary + Confidential

Google Cloud

ClearBlade IoT Core & GCP Automated Migration

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ClearBlade Introduction

Google Cloud

CLEARBLADE
We Connect the Things.

is an IoT, Edge, and AI software company

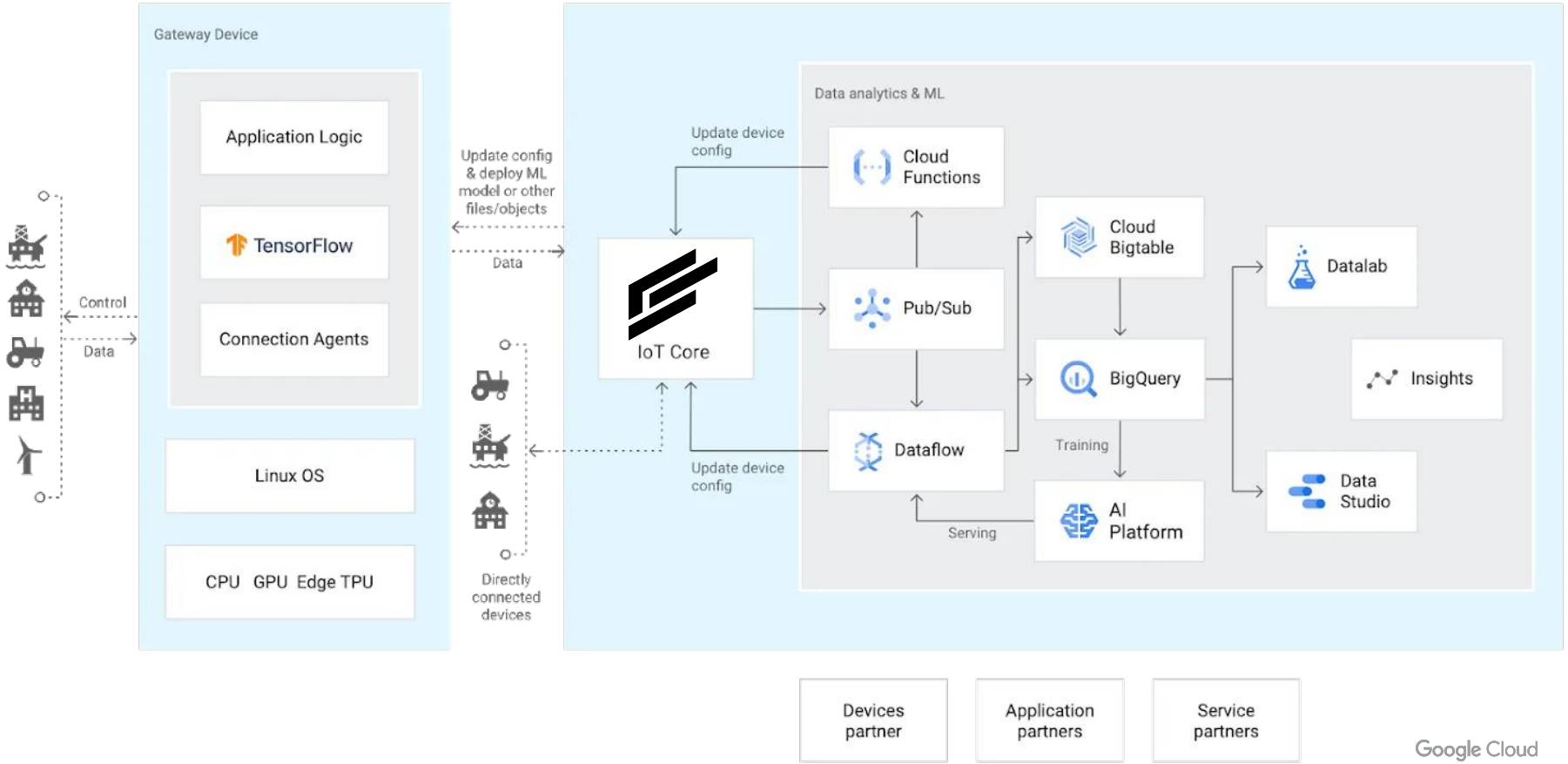
Solution Overview

- ClearBlade is an IoT, Edge computing and AI software company to enable running secure, real-time and scalable IoT applications
- Built as a Universal Platform for several industries including Transportation, Manufacturing, Oil & Gas, Healthcare, Energy, Smart cities
- Edge Platform to get data from several sources and centralizing information in the Cloud
- Fully Automated, Quick Deployment and Fast-track migration to GCP

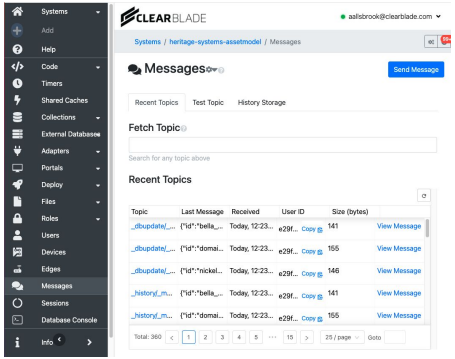
02

ClearBlade IoT Core

ClearBlade is complementary to GCP Cloud Architecture



ClearBlade capabilities easily map to Google IoT Core



Device Registry

Device Auth

MQTT Broker

IoT Core

GCP PubSub Functions / Dataflow

Gateways

Monitoring

- Scalable
- Fast
- Flexible

Any GCP Cloud Region

Device Table

Security

MQTT+ Messaging

IoT Core

Service Integrations

Edges

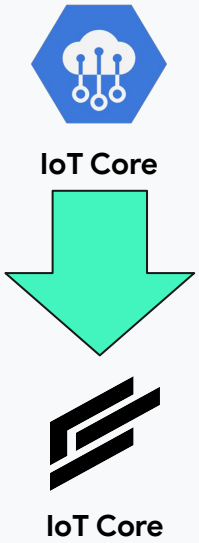
Monitoring

03

Google IoT Migration

ClearBlade provides a simple “1-click” Migration

- **Low Impact**
  - No cloud services impacted
  - Device updates
- **Fully Automated**
  - Device Registries
  - Any Cloud Region
  - Authorization
  - Pub/Sub Topic Mappings
- **Flexible Deployment**
  - Customer Project Areas
  - Hosted by ClearBlade



- Stage 1 (4 days)
  - Define Test Set
  - Configure Monitoring
  - Migrate Test Set
  - Training
  - Validate
- Stage 2 (1 day)
  - Full Set
  - Acceptance

04

ClearBlade Google Marketplace Offerings

ClearBlade IoT Core available in the Marketplace

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IoT Core Pricing (ClearBlade hosted)

- .0045 per MB per month
- First 250MB Free
- Tiers available

Additional Terms Available for

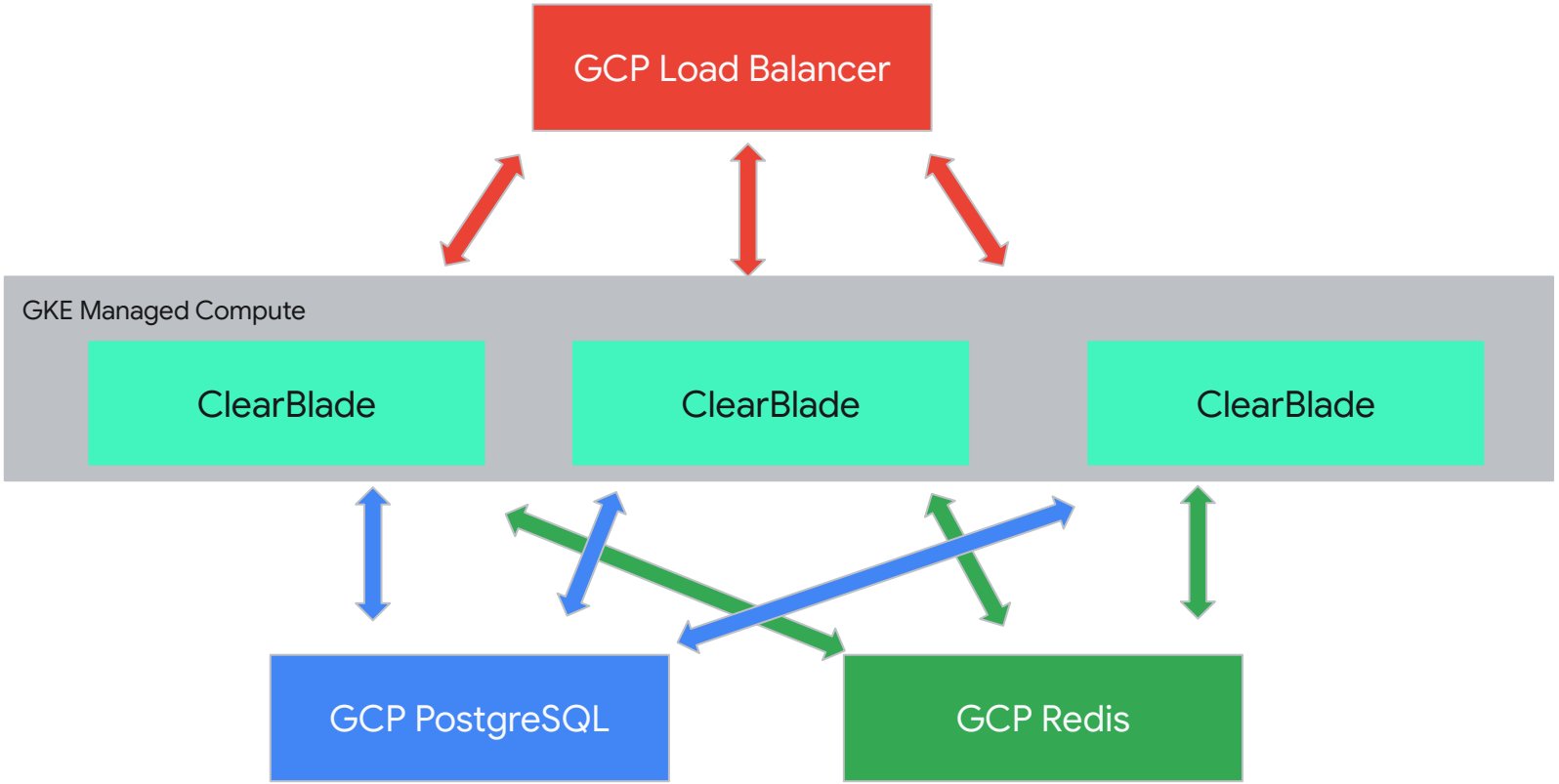
- Customer Environments
- Enterprise Tiers

Monthly data volume	Price per MB
up to 250 MB	$0.00
250 MB to 250 GB	$0.0045
250 GB to 5 TB	$0.0020
5 TB	$0.00045

05

ClearBlade Google Cloud Integrations

ClearBlade includes additional GCP cloud services



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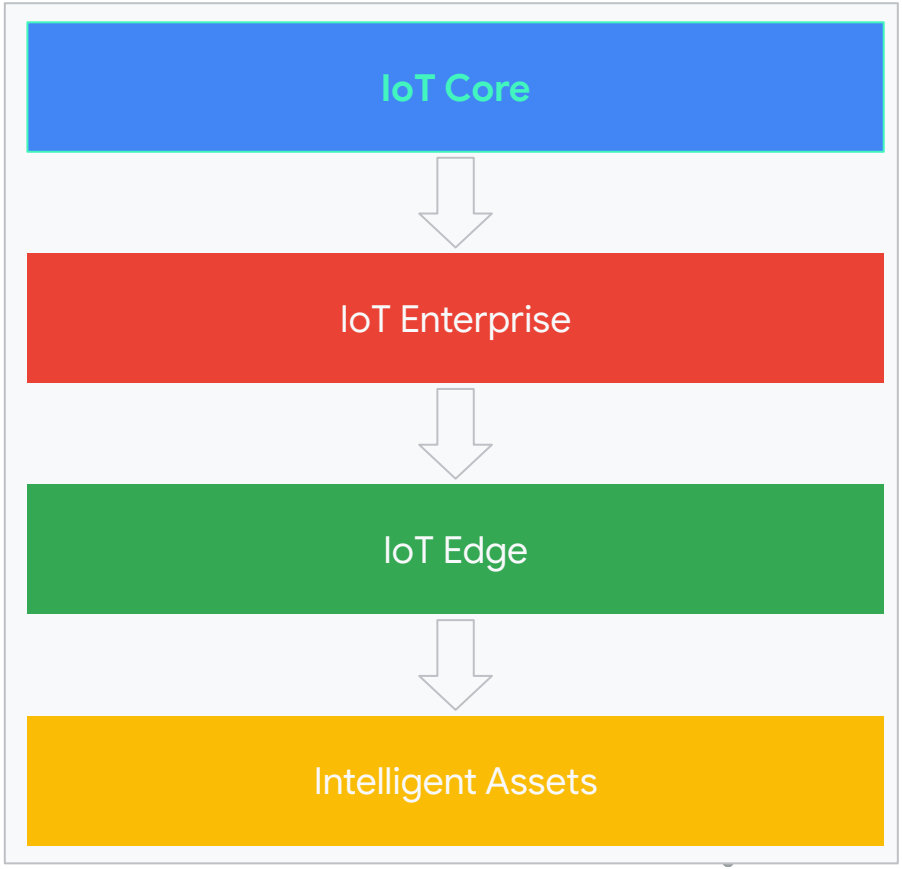
ClearBlade Additional Offerings

ClearBlade IoT Core

IoT Core Features

- Device Table
- Security
- MQTT+ Messaging
- Service Integrations
- Edges
- Monitoring



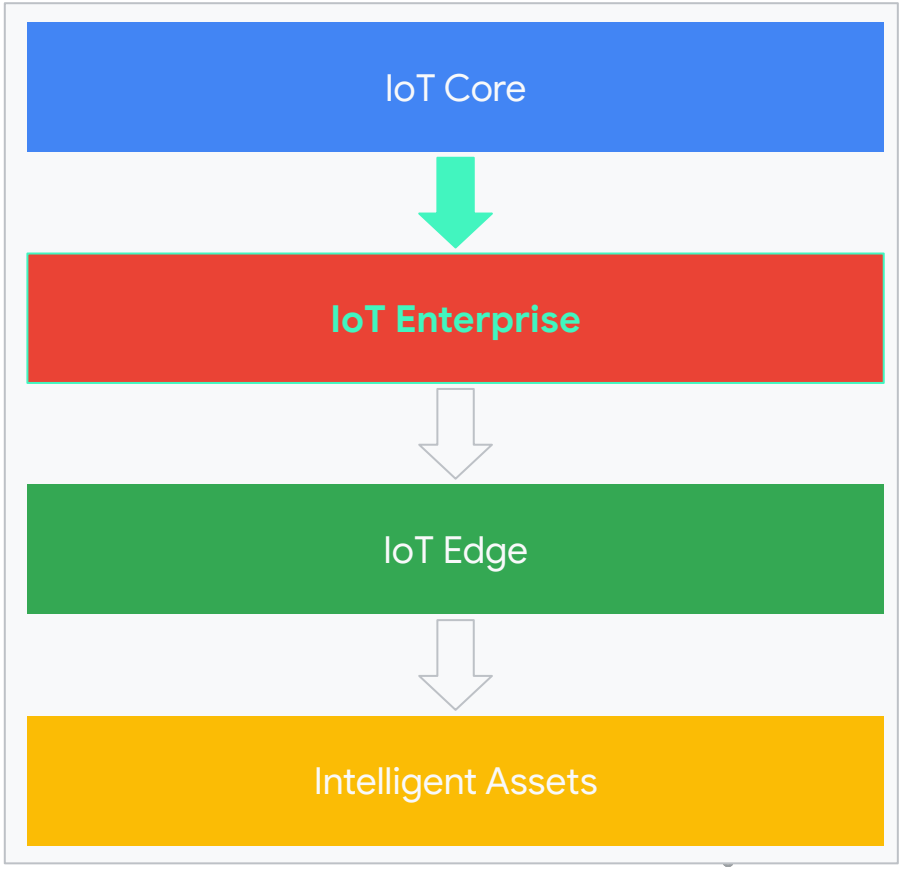
ClearBlade IoT Enterprise

IoT Enterprise Features

- Enhanced Permissions
- IoT Code Engine (Cloud/Edge)
- Edge Orchestration
- Data and Files
  - Buckets
  - Big Query
  - Streams and Microservices

Also Includes Enhanced IoT Modules

- IoT Portals
- IoT Protocol Adapters
- IoT AI Engine



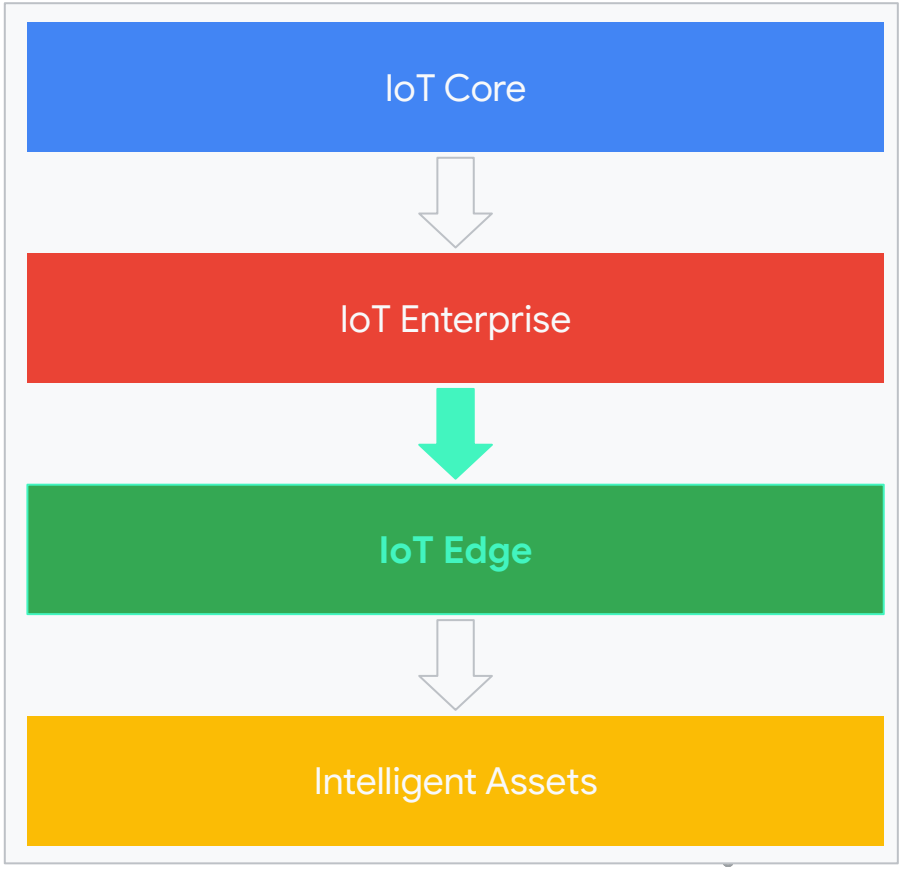
ClearBlade IoT Edge

IoT Edge - *Full IoT Enterprise Stack at the Edge!*

- Enhanced Permissions
- IoT Code Engine (Cloud/Edge)
- Data and Files
- Cloud/Edge Synchronization

Also Includes Enhanced IoT Modules

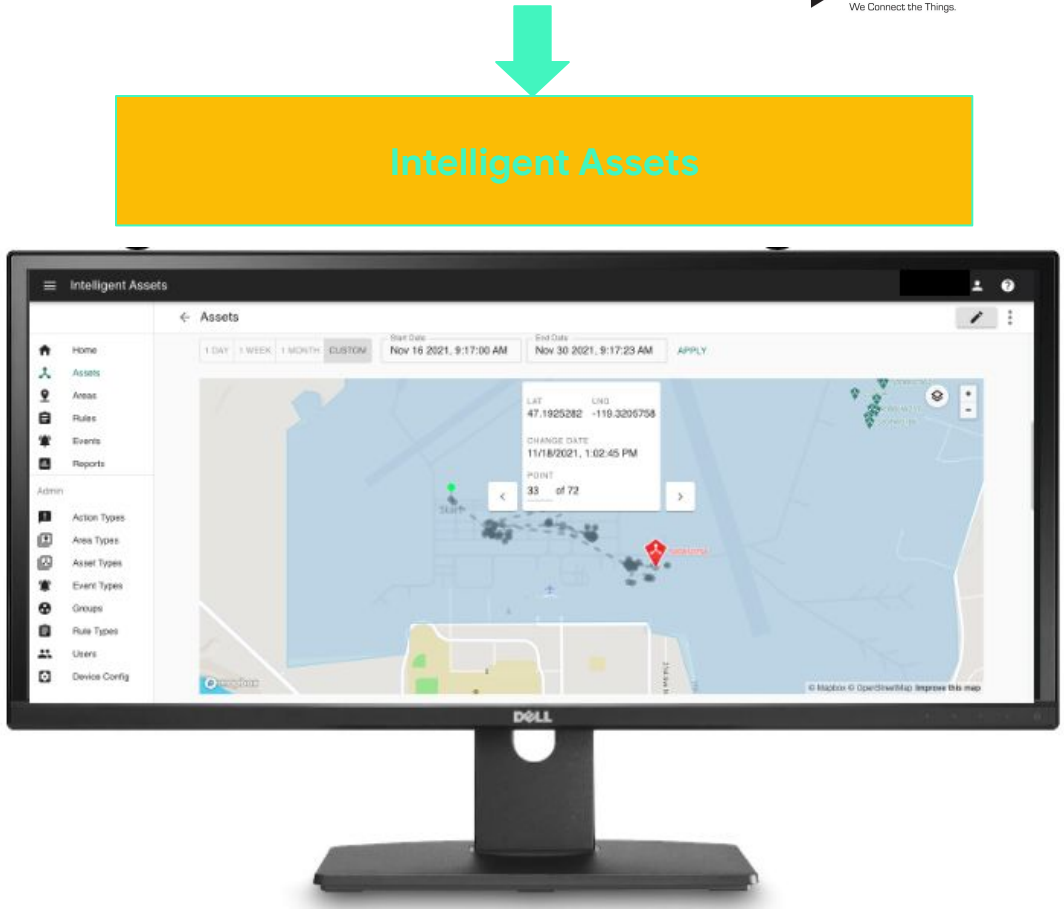
- IoT Edge Portals
- IoT Edge Protocol Adapters
- IoT Edge AI Engine
- IoT Network Connectivity
- IoT Out of the Box Gateways



ClearBlade Intelligent Assets

CLEARBLADE
We Connect the Things.

- **Intelligent Assets**
  - No code application for operators
  - Monitor/Track/Control any asset
  - Edge integrated
    - Rules
    - AI
    - Data storage
  - Proven across multiple industries
    - Aerospace
    - Rail
    - Manufacturing



Google Cloud

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07

Questions

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Google Cloud