

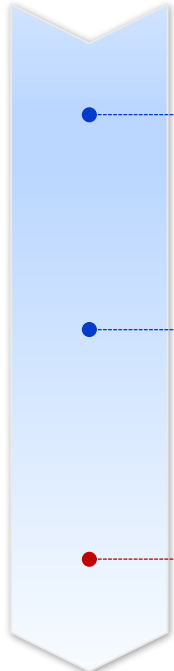


# Cloud Migration with “Containerization”

## - LOTTECARD Client Spotlight

Jeong Han Kim, CIO of LOTTECARD

# LOTTECARD's Digital Transformation Journey



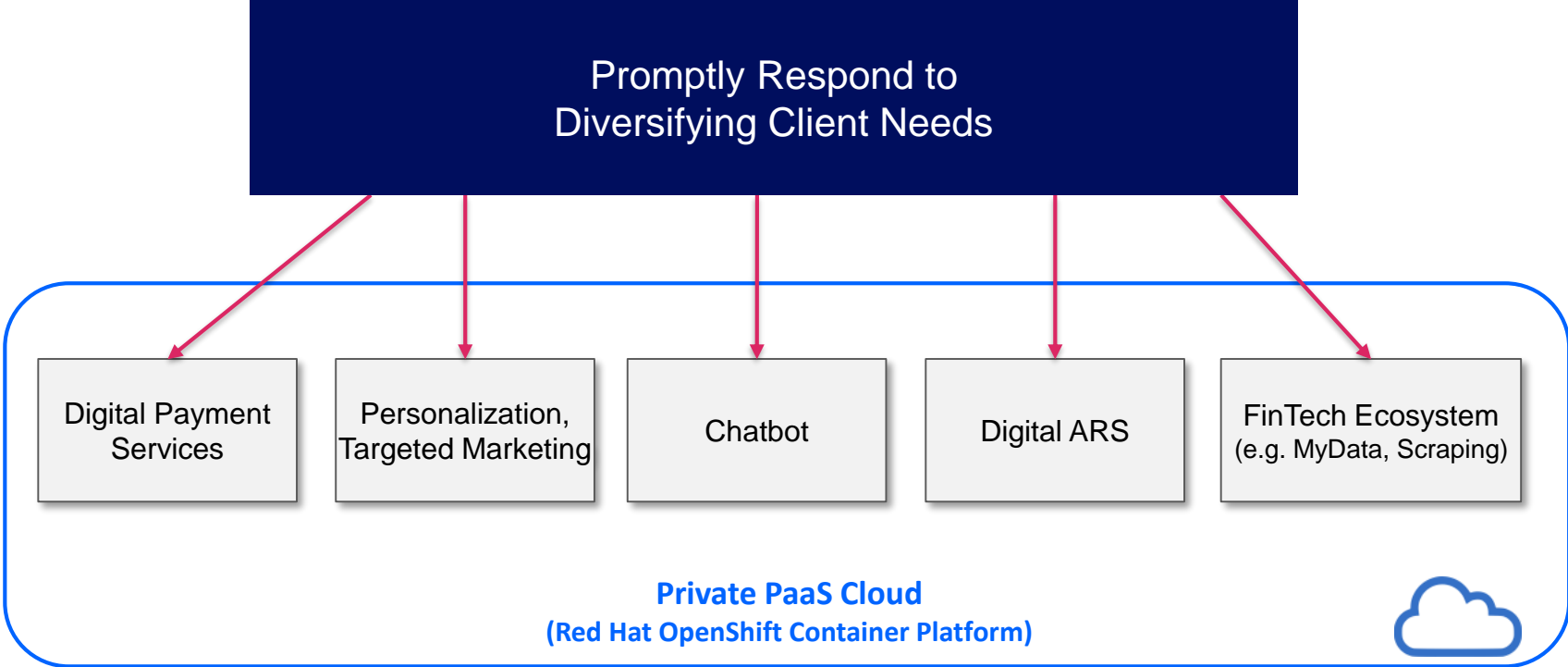
**2017**  
**Strategic Shift to Digital Platform Enterprise**  
(Cloud Roadmap)

**July, 2018**  
**Launched Customer/Channel System on Cloud**  
(Integrated Customer Services App)

**December, 2020**  
**Expect to Open Core Finance System on Cloud**  
(Core Card Process)



# Business Objective



# Key Advantages of Containerization

Modularization

- Task Segmentation and Container Services Separation

- 인프라 자원 공유를 통한 성능 개선
- 업무 간 부하 영향도 최소화

Scalability

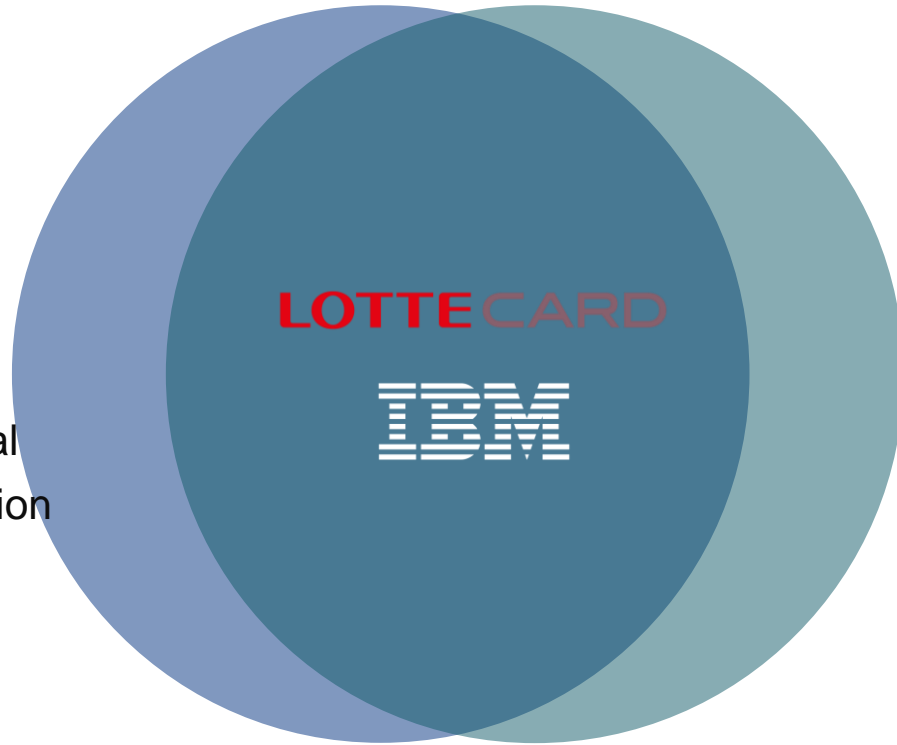
- Scale-In/Out Architecture by Container

- 이벤트등 피크 트래픽 안정적 처리
- 필요 시 인프라 On-Time 제공 및 확장

*Improvement in  
Digital  
Customer  
Experience (UX)*

# Partnership with IBM

- Insights in finance business and architecture
- Capabilities in digital finance transformation



- Technology expertise and guidance for Containerization
- Red Hat synergy (open source technology and support system)

# Business Benefits of Cloud Transformation

## Cost Optimization

- **Acceleration of digital business:**  
**Traffic increase by 5X** since the opening of Customer System



- ✓ **No server expansion** after system launch
- ✓ **40% reduction** of operation cost

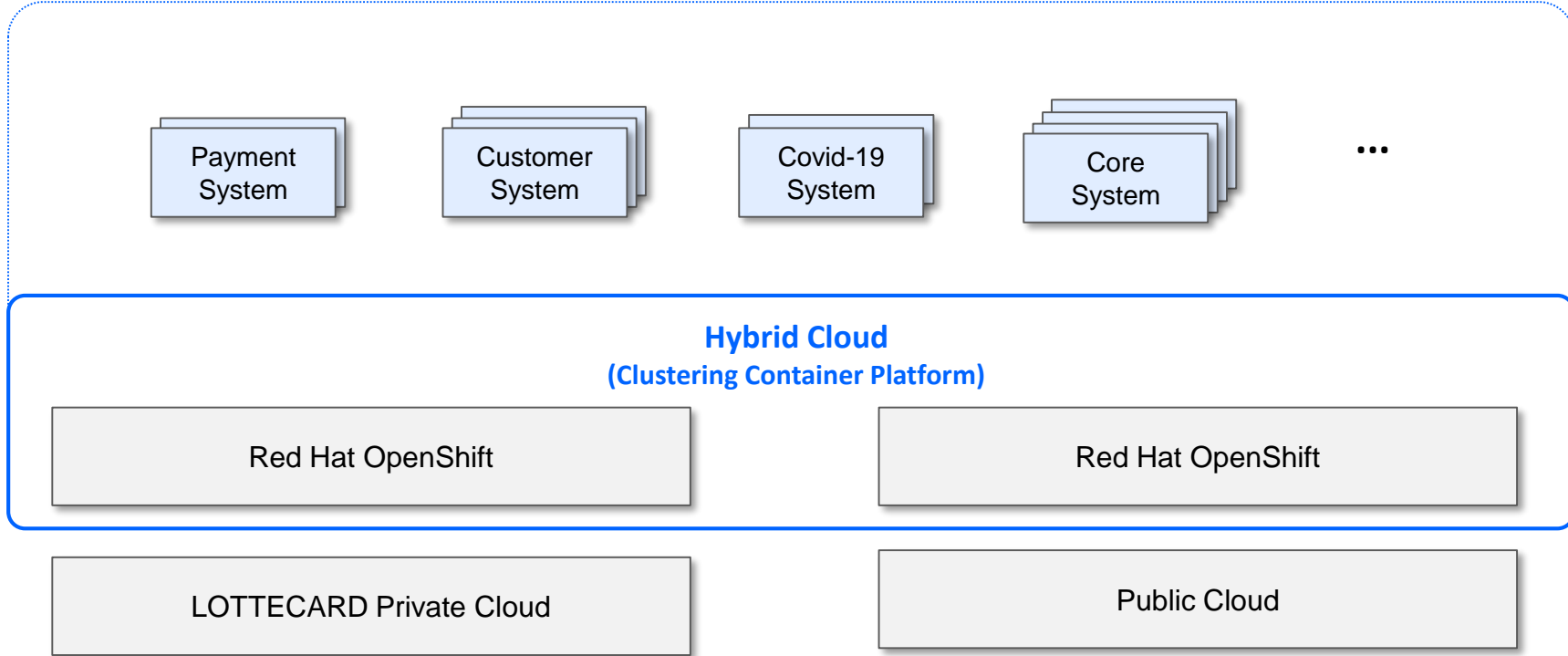
## Preemptive Response to Digital Business

- **Stable operation of large scale events**  
eg. COVID-19 Disaster Relief Fund



- ✓ Online apply **without connection delay**
- ✓ **No impact** on the other services

# Future Direction for Hybrid Cloud



IBM®