

Nesnelerin Interneti ve Gelecek

Ağ Orkestrasyon Uzmanı
Erdeniz Ünvan

25.11.2020
BİLİŞİM ZİRVESİ'20



Network Orchestration
Service Provider

Akıllı Binalar-Akıllı řehirler



Evler ve Oteller



Ofisler



AVM



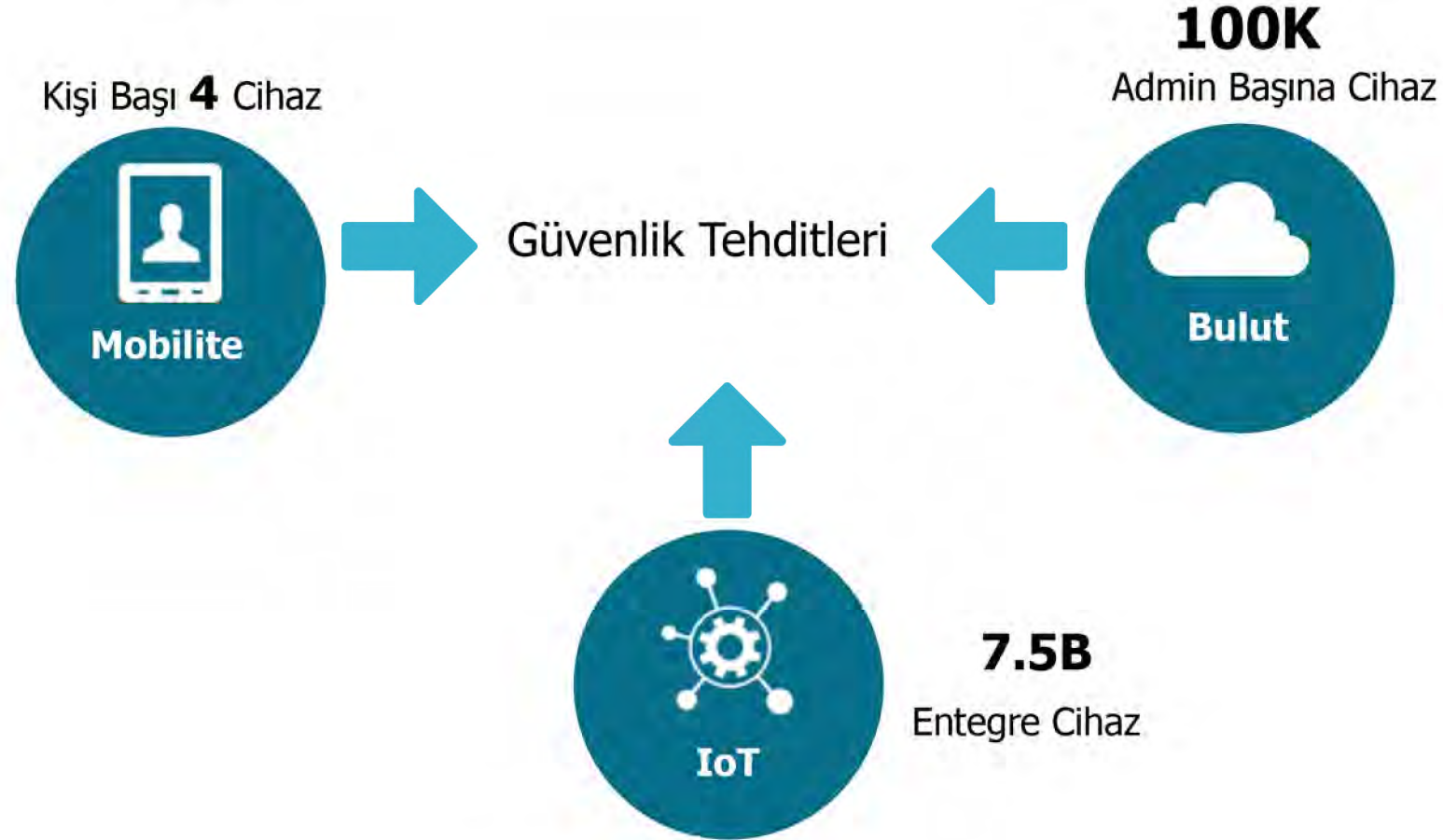
Fabrikalar



E-Devlet = Akıllı Devlet



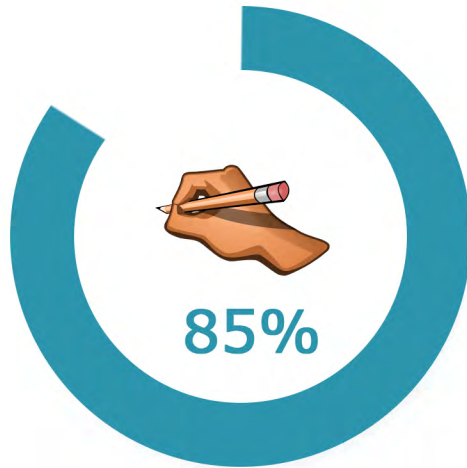
Dijital Transformasyonu Etkileyen Faktörler



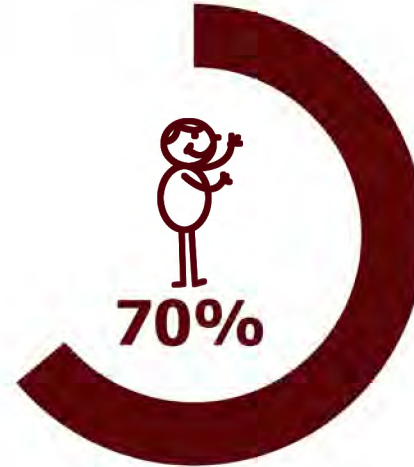
Dijital Dünyada Operasyon Maliyeti

\$60B

Ağ Operasyon Maliyeti



Manuel Konfigürasyon



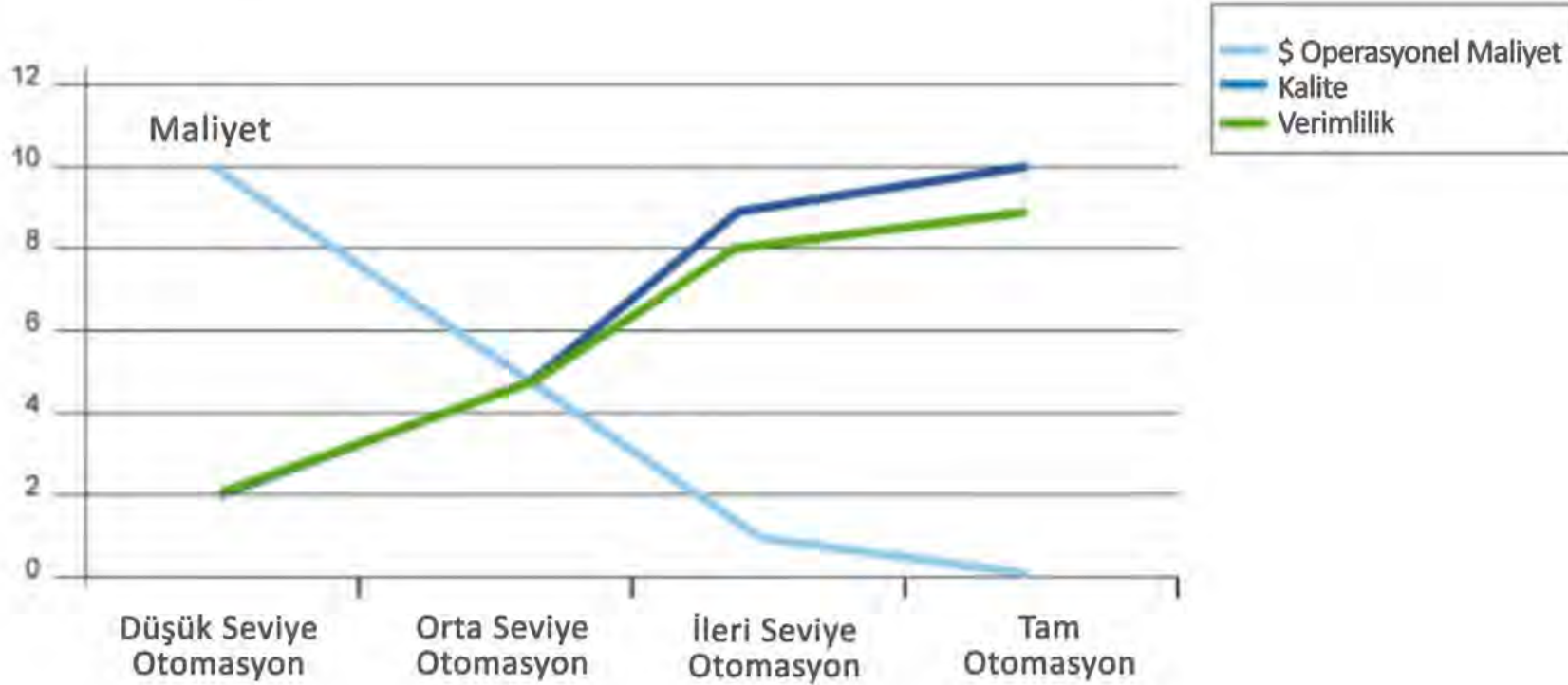
İnsan Hataları



Troubleshoot Maliyeti

Harcanan Zaman: %43

Neden Network Programlama?



<https://www.gartner.com/en/documents/3990134/market-guide-for-network-automation-and-orchestration-to>
14.09.2020

Network Programlama

Programlama Dili



Veri Modelleme Dili

SMI



Data Formatları

YAML {JSON} <xml />

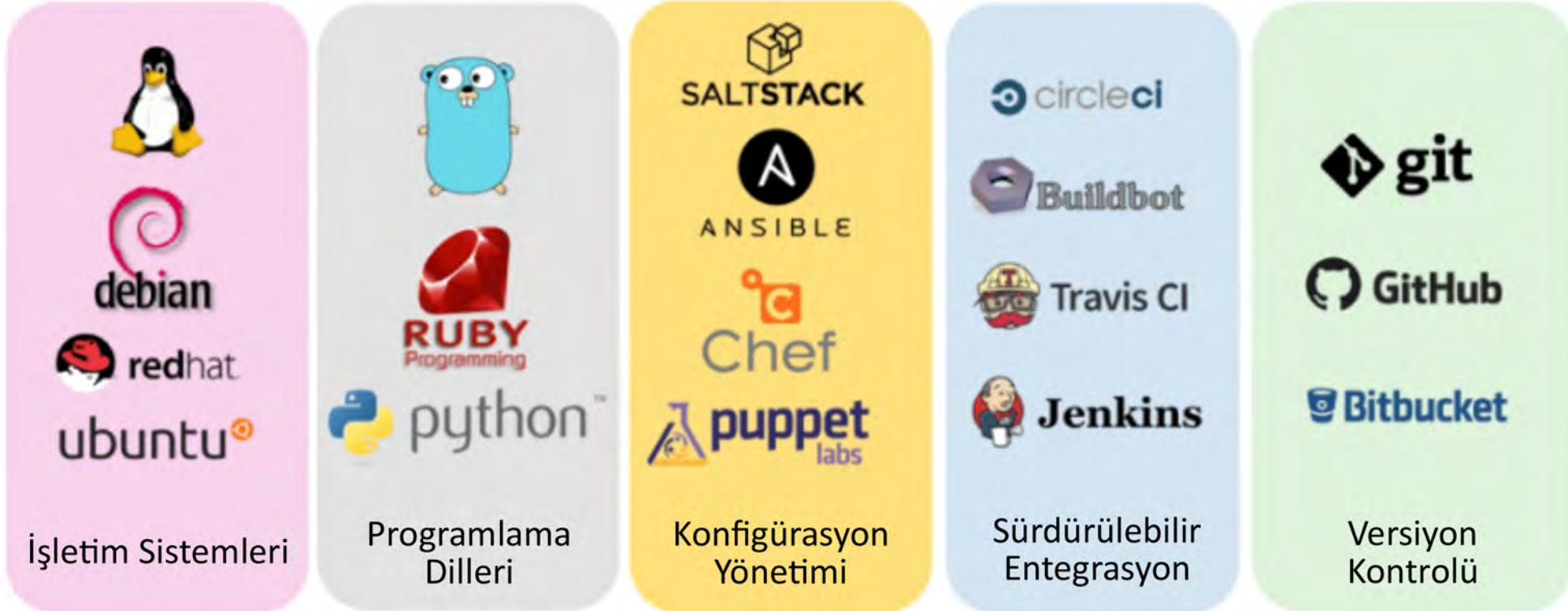
API'ler



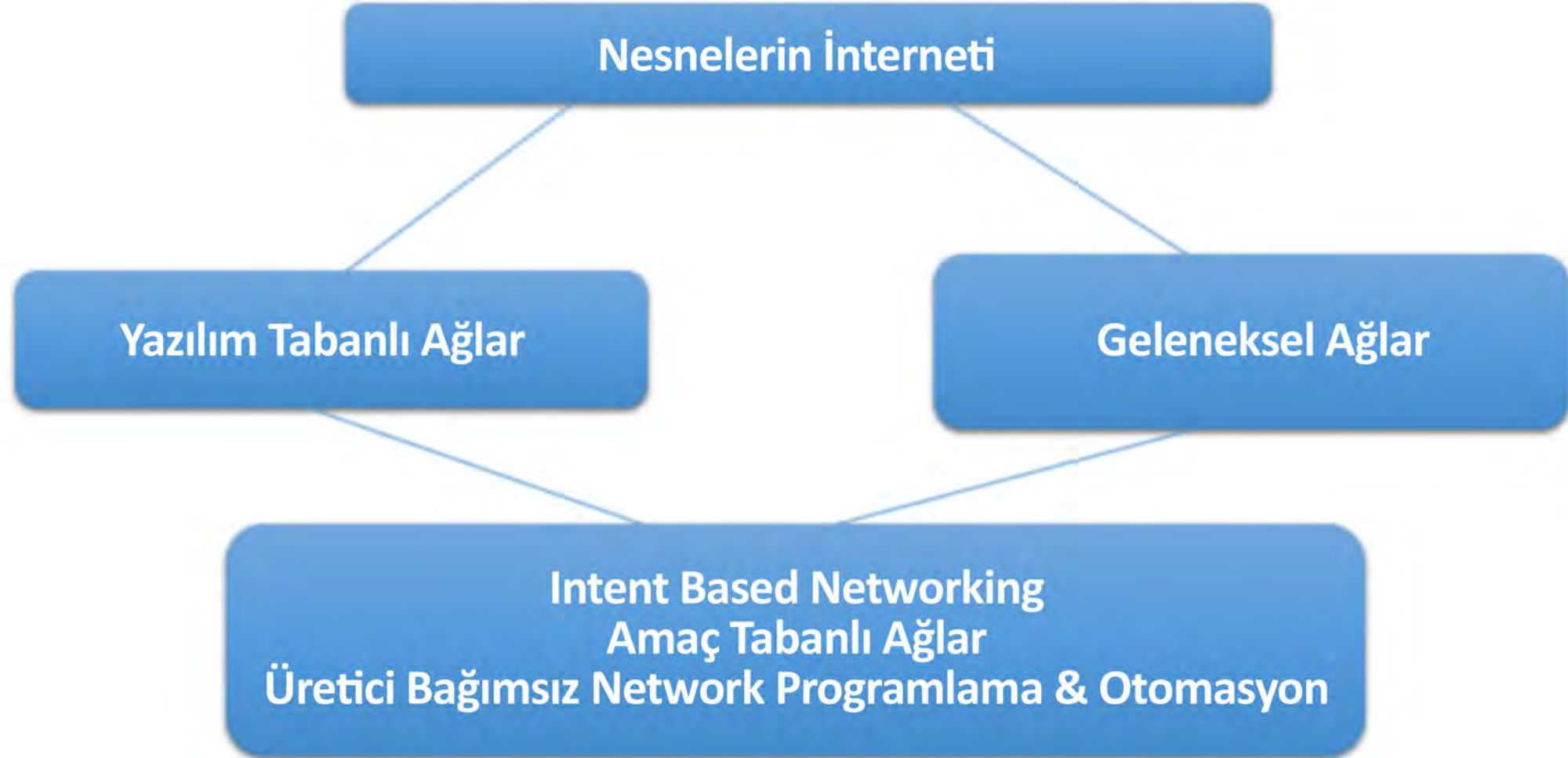
NETCONF

RESTCONF

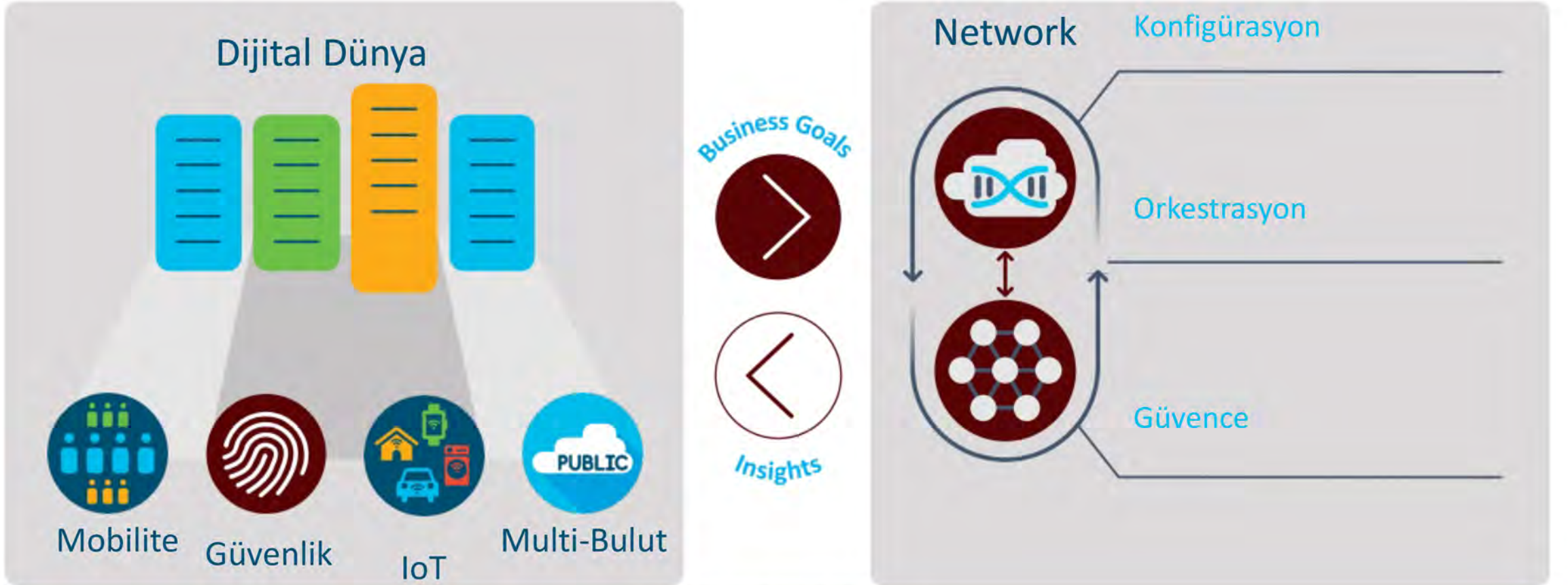
Network Otomasyon



Yeni Nesil Nesnelerin İnterneti

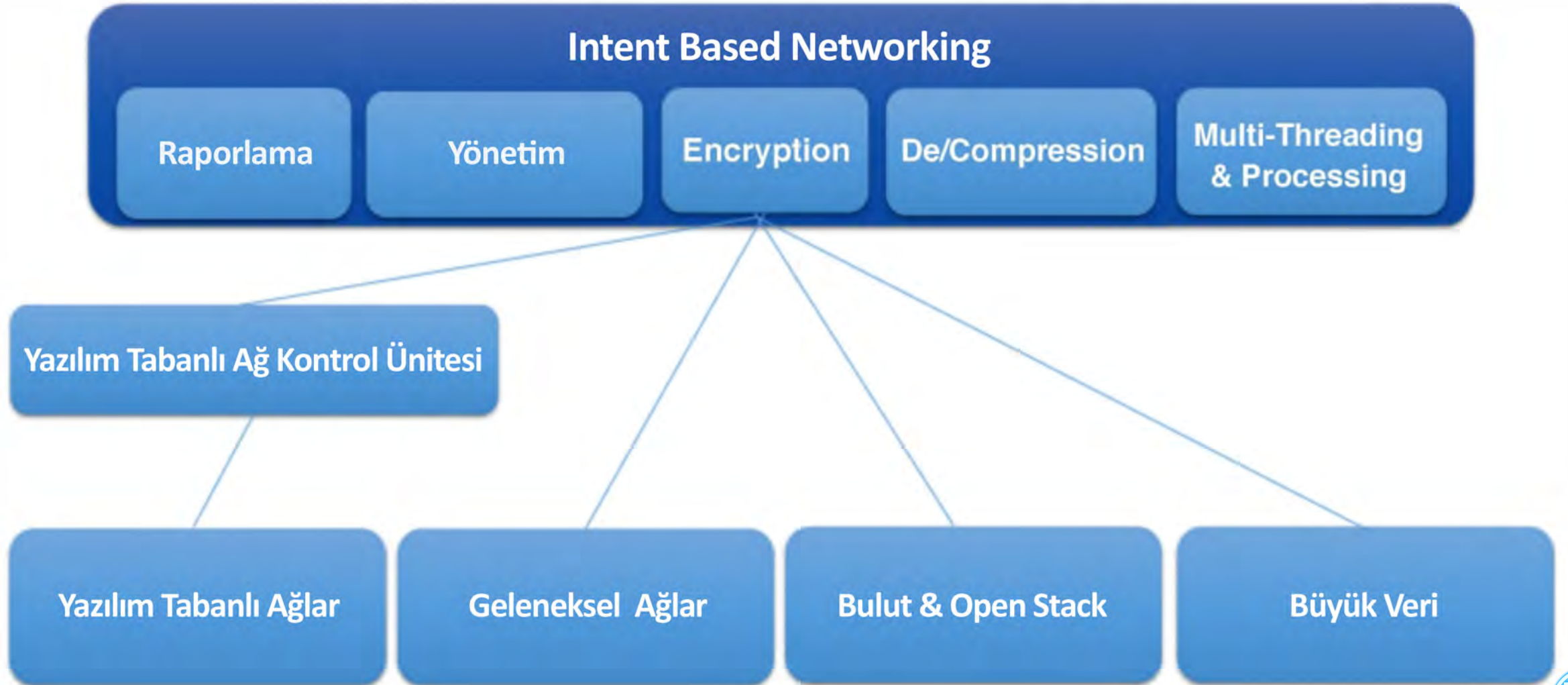


Intent-Based Networking Nedir?



Amaç Tabanlı Ağlar

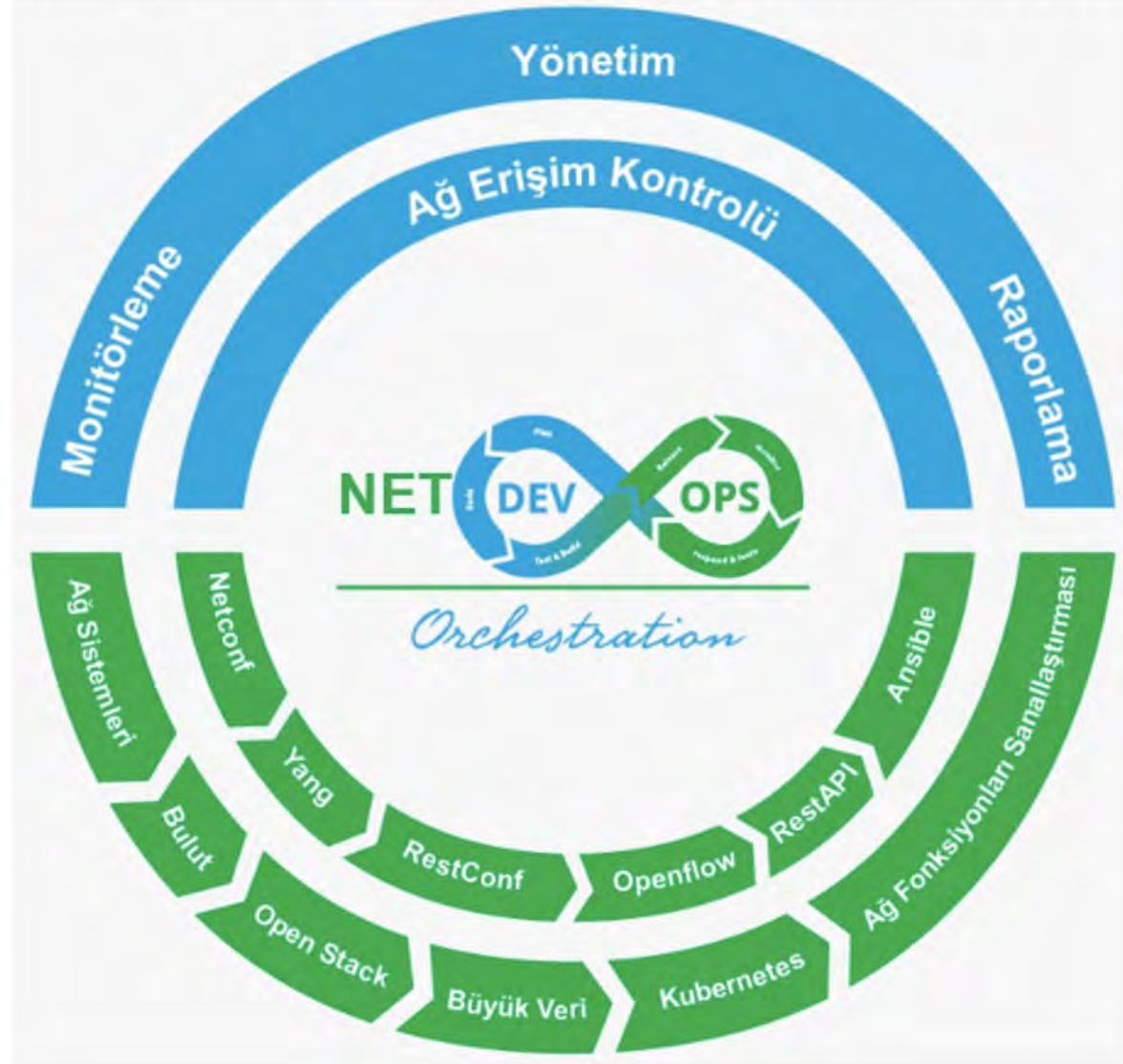
Yeni Nesil Nesnelerin İnterneti



Nesnelerin İnternetinin Geleceği



Nesnelerin İnternetinin Geleceği



Yeni Nesil Nesnelerin Internetinin Faydaları

67 %

Daha Hızlı
Ağ Orkestrasyonu

80 %

Sorun Çözmek İçin
Zaman Tasarrufu

48 %

Daha Az
Güvenlik Problemi

61 %

Daha Az
Operasyon Maliyeti



Network Orchestration
Service Provider