



Service Provider Security

Securing today and tomorrow's SP architectures

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An aerial, high-angle photograph of a dense urban landscape, likely a major city center. The image shows a vast number of skyscrapers and high-rise buildings packed closely together, creating a complex, textured pattern of grey and white. The perspective is from directly above, looking down on the city. The lighting is even, suggesting a clear day. The overall tone is professional and modern.

Agenda

- The security market & threats to Service Providers
- Cisco's commitment and strategy
- Securing today's SP Architectures
- The transition to 5G: Security implications & Cisco's solutions

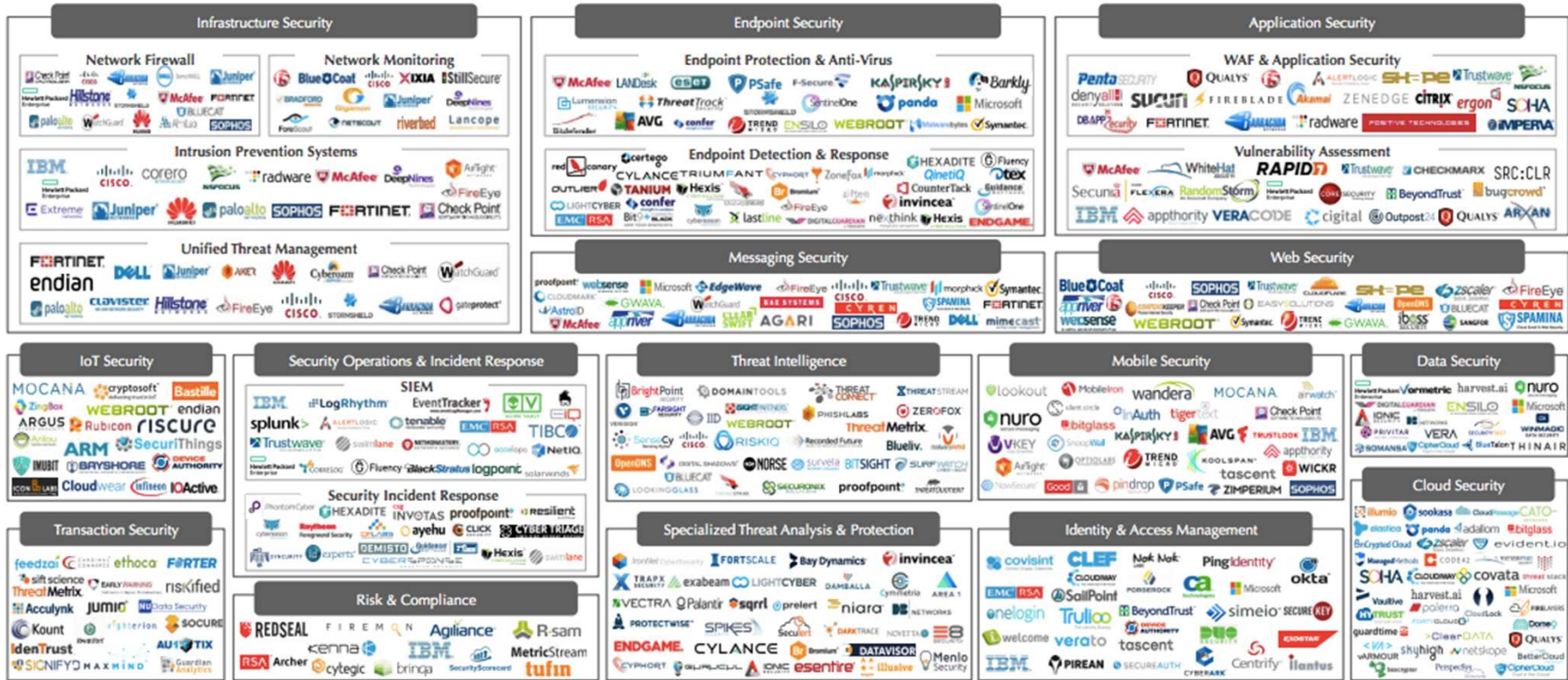
Would you buy a seat on this plane?



Your business takes a ride on this everyday!

Up to 50 different security vendor products in use

The security industry today...



Source: Momentum Partners.

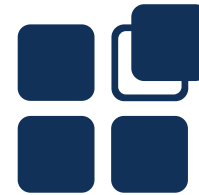
What SP Customers Want to Protect



Users/Accounts

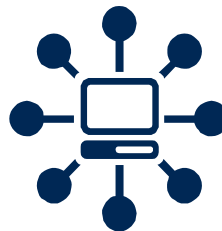
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Data



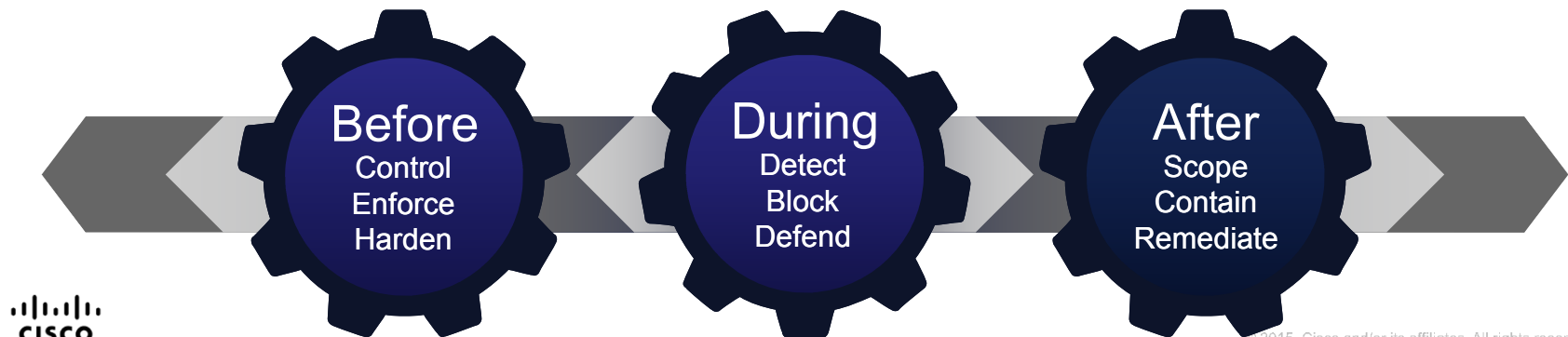
Applications

Security Threats for Mobile SPs



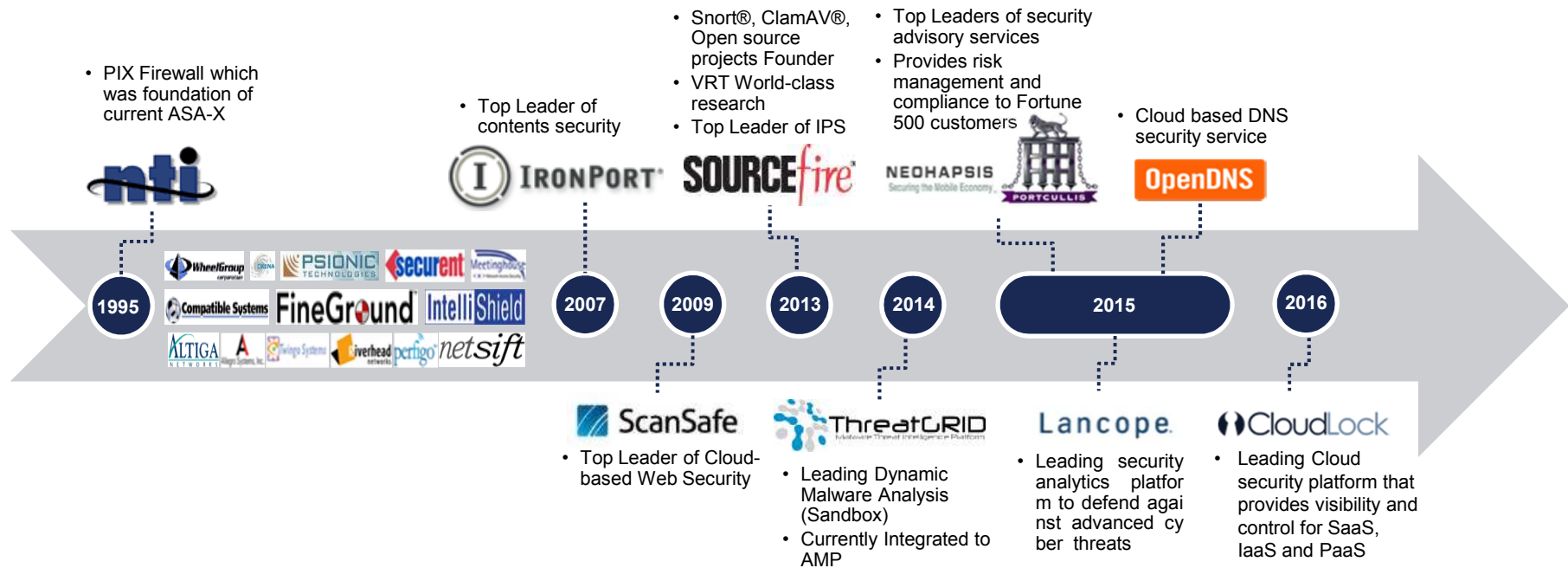
Cisco's View on Security

- Security is all about two concepts: **Visibility & Control**
- Threats are mitigated as close to the source as possible
- Security services are dynamically chained together and instantiated to form a service chain to **mitigate a specific threat and/or to provide a managed security service** on distributed compute resources
- Threat defense provides a distributed capability to mitigate threats – targeted at the network, the Data Center, the Cloud and the applications that they serve



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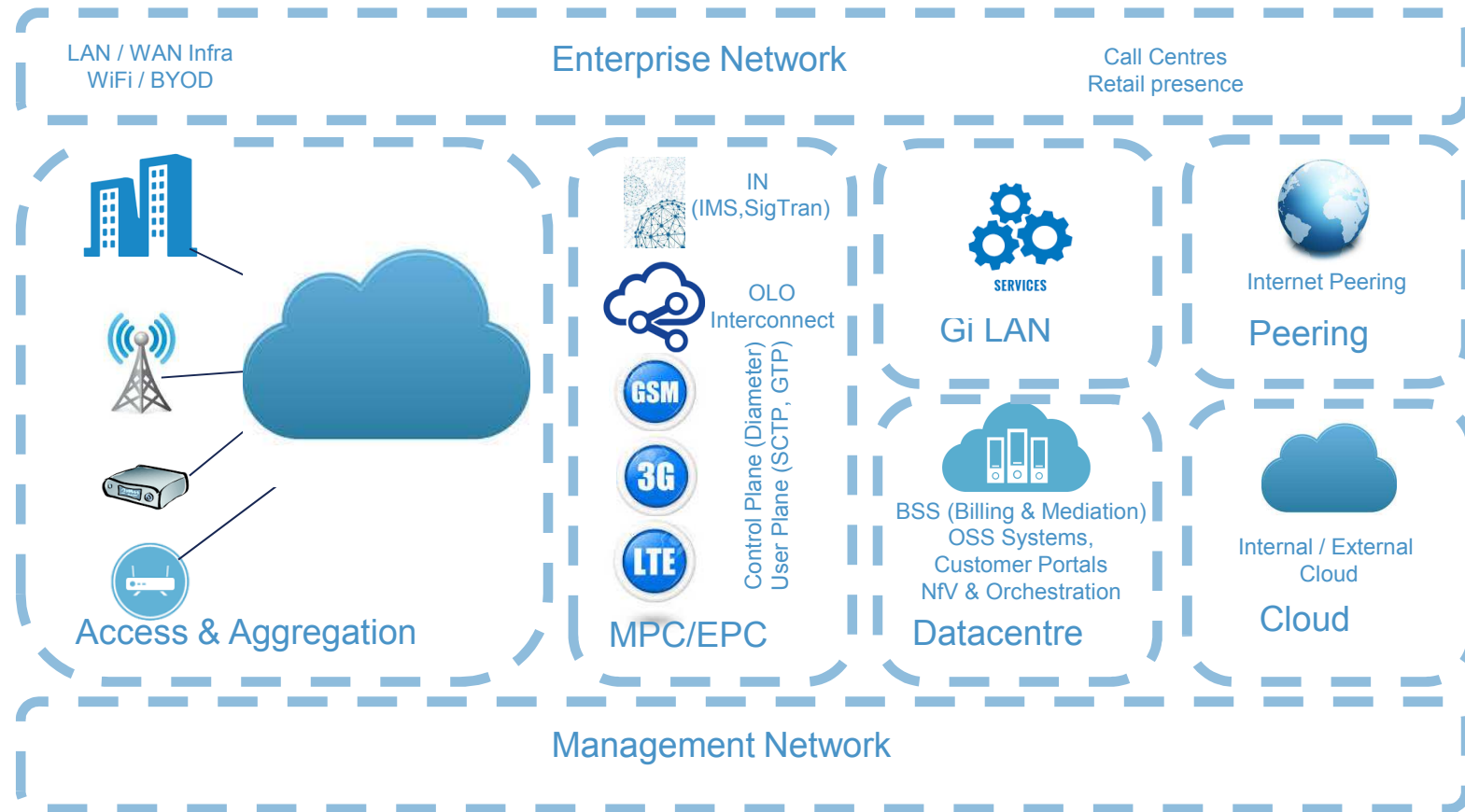
Investing in a best of breed architectural approach



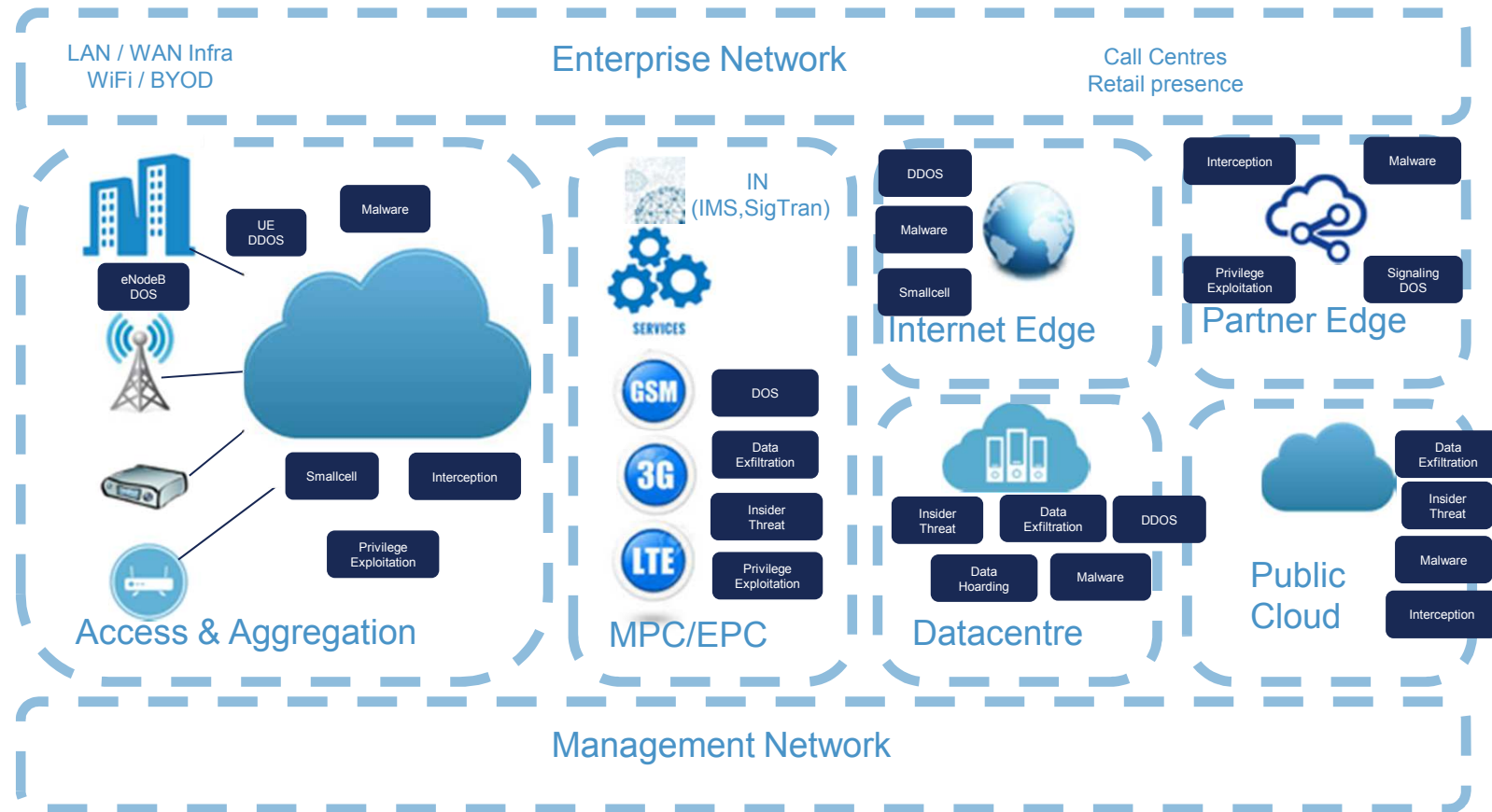
The Most Complete Security Portfolio in the Industry



Security Architecture



Security Architecture – Mapping Mobile Threats



Security Architecture – Seeing and Fixing Threats

