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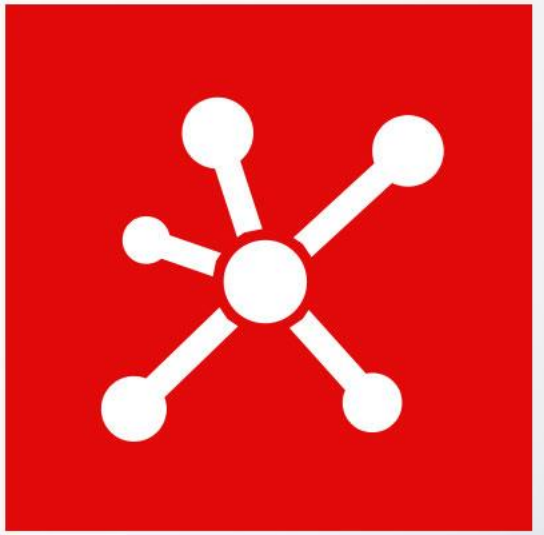
Webcast-Serie | Meet the Expert

What is Managed API Integration?

Unlock the power of managed API integrations with BIS



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Agenda

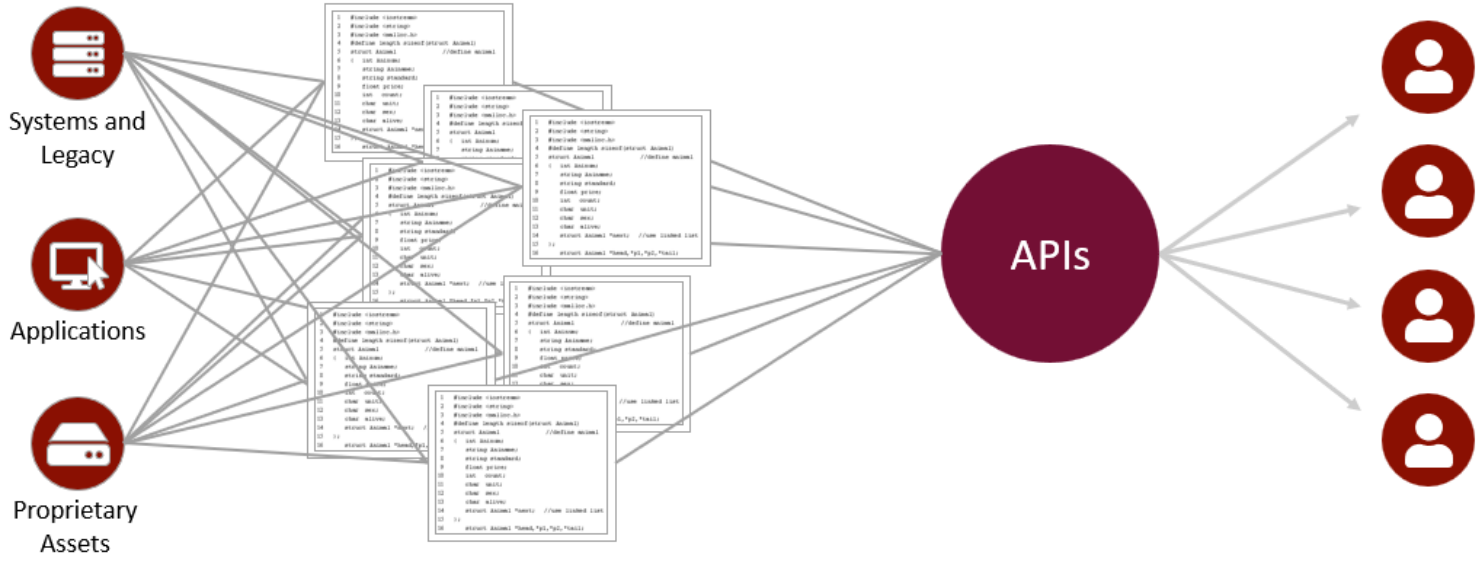
01 | Less slides …

02 | … more demo and exchange!

Increasing use of APIs, growing API traffic and reusing implemented APIs reveals the downsides of unmanaged API integration

Point-to-Point
API spaghetti

Running or even publishing such a landscape opens Pandora's box!



https://blog.seeburger.com/how-api-management-projects-go-awry-if-you-forget-about-api-integration/

Pandora's box:
Security and reusability concerns of unmanaged API integration

Decentralized, multiple API endpoints lead to complexity, security and orchestration challenges and the implemented APIs can't be efficiently reused.

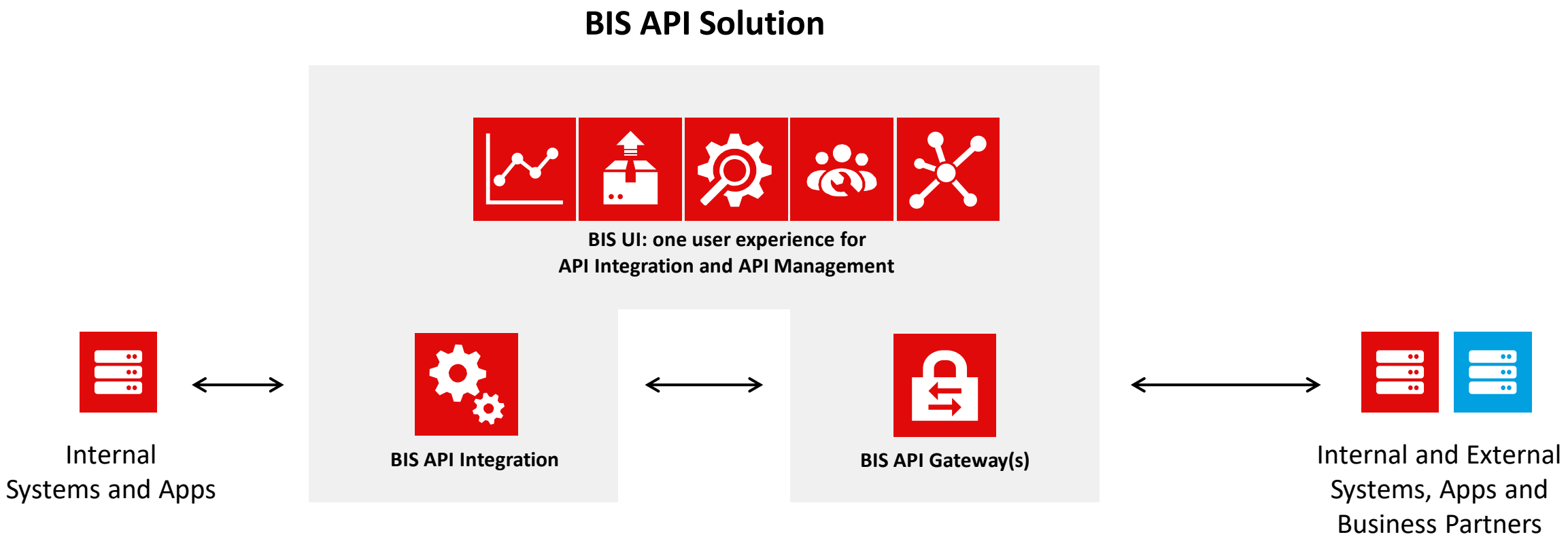
Without a centralized management of APIs, you **face security risks** due to the **lack of robust protection, monitoring, governance and you fail to achieve a return on investment implementing APIs.**

API management on top of API integration address these challenges:

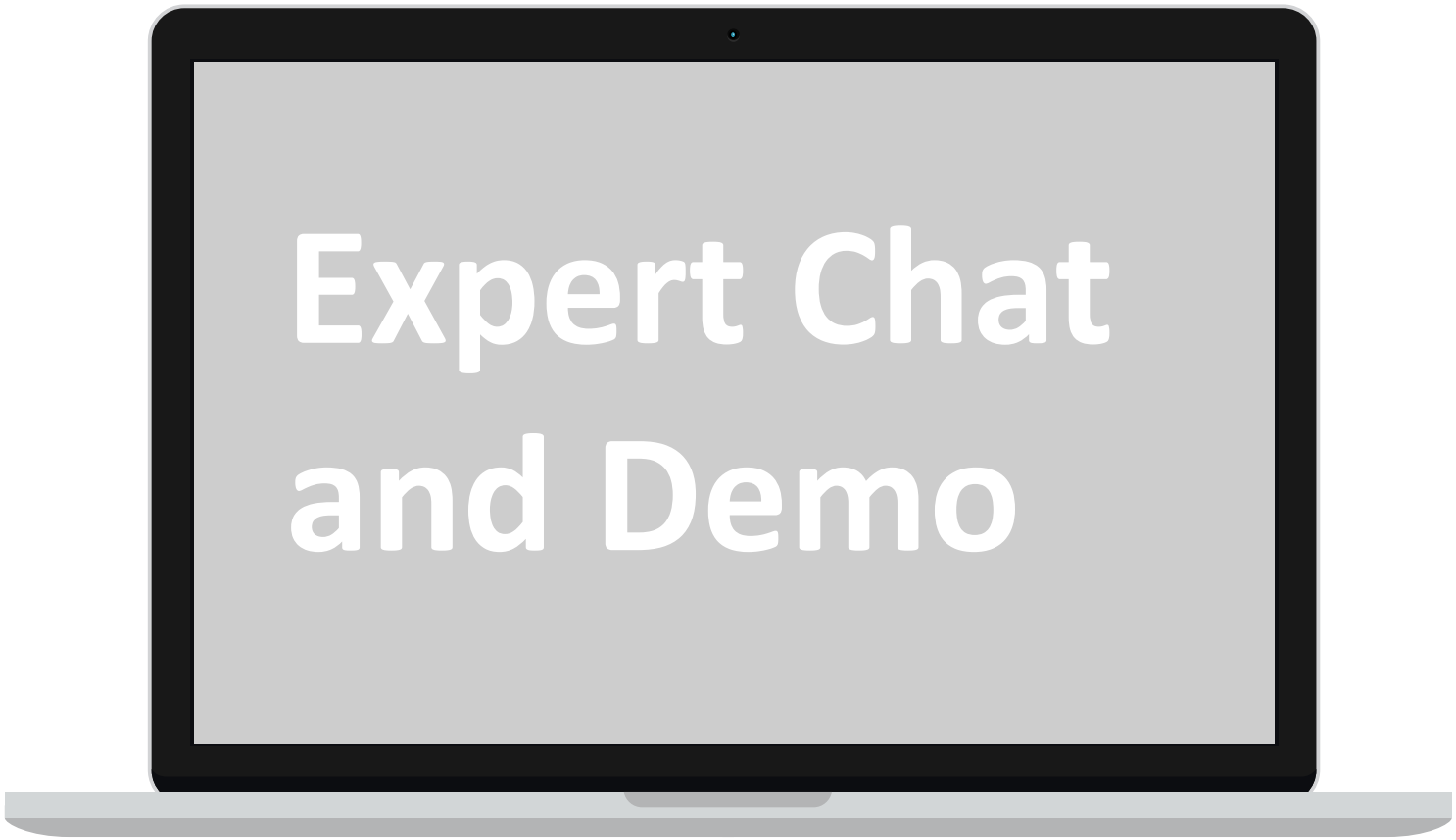
- Central Documentation and Versioning
- Security Weaknesses
- Throttling API Traffic
- End-to-end Visibility

Result:
By implementing an API management platform, you can establish a secure and well-coordinated API ecosystem.

SEEBURGER BIS API Solution
A single and centralized platform to integrate & manage APIs and its traffic



Let's eliminate the source of trouble and not just keep Pandora's Box closed!



Welcome Ed!

Ed, our questions today are:

- Why and how documenting and versioning your APIs?
- How to secure APIs?
- Why and how to manage API traffic by throttling?
- How to provide end-to-end visibility on a single point of truth?

Summary: Let's eliminate the source of trouble and not just keep Pandora's Box closed!

Don’t get lost with API spaghetti and API chaos!

By implementing SEEBURGER API management, you can establish a secure and well-coordinated API ecosystem!

- **SEEBURGER API Portal -** *your central key application to ensure security and protection and assure proper reusability of your assets of integrated API!*
  - Central Documentation and Versioning of APIs for all users assuring internal harmonization and standardization (API Governance)
  - Centralized Management enables and ensures the well-ordered and desired reuse of APIs
  - Designing API Products:
    - Allows you to simplify complex APIs to ensure easy adoption of user
    - Design a unified, easy to use API facade which consolidates, manages and orchestrates multiple implemented API endpoints automatically
    - Protect and secure the access to data and functions of your backend for a specific purpose or user audience
  - Security Configuration: assign authentication methods (e.g., API keys, OAuth), assign encryption (HTTPS), using Policy Management, define users’ access rights
  - Configuration of Throttling API Traffic: via Policy Management (e.g., rate limits by key or quota)

- **SEEBURGER API Gateway(s) -** *the central component to ensure adherence to security and API traffic configurations!*
  - Assures the proper and orchestrated execution of a composed API Product
  - Enforces Policies for Security
  - Enforces Policies for Throttling API traffic

- **SEEBURGER API Monitoring -** *the central point of truth to provide clarity, transparency, and peace of mind!*
  - Provides end-to-end visibility

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Thank You

Questions or remarks?
We are here for you!

www.seeburger.com

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