Making your production data available

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Experience the commitment®

CGI is a Global IT and Business Process Services Leader

High-end business and IT consulting

69,000 professionals

10,000 clients across the globe

System integration, IT and business process outsourcing

400 offices, 40 countries around the world

Client satisfaction: 9.1/10

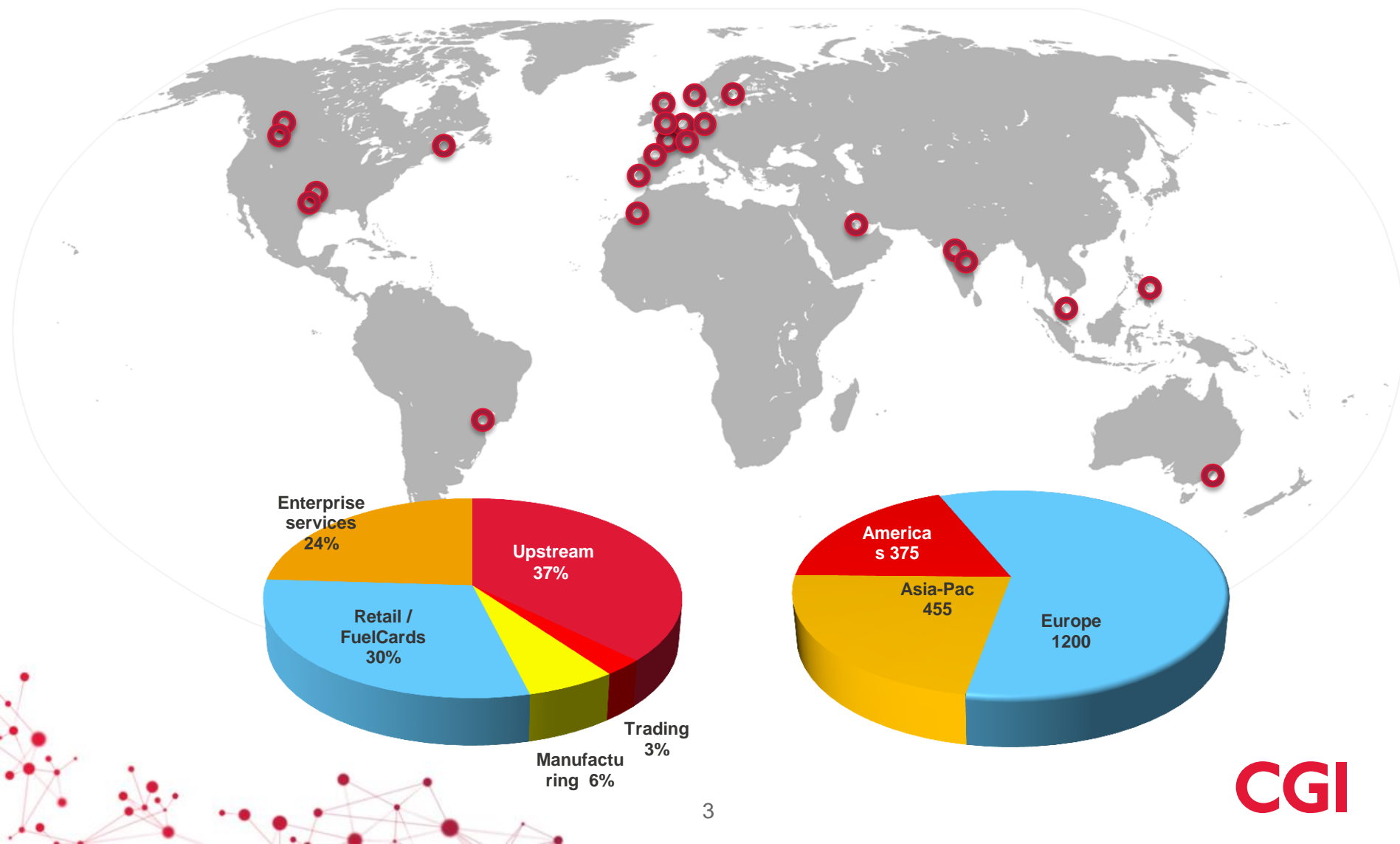100+ mission-critical IP-based solutions

$10.4B annualized revenue

World's 5th largest independent IT and BPS firm
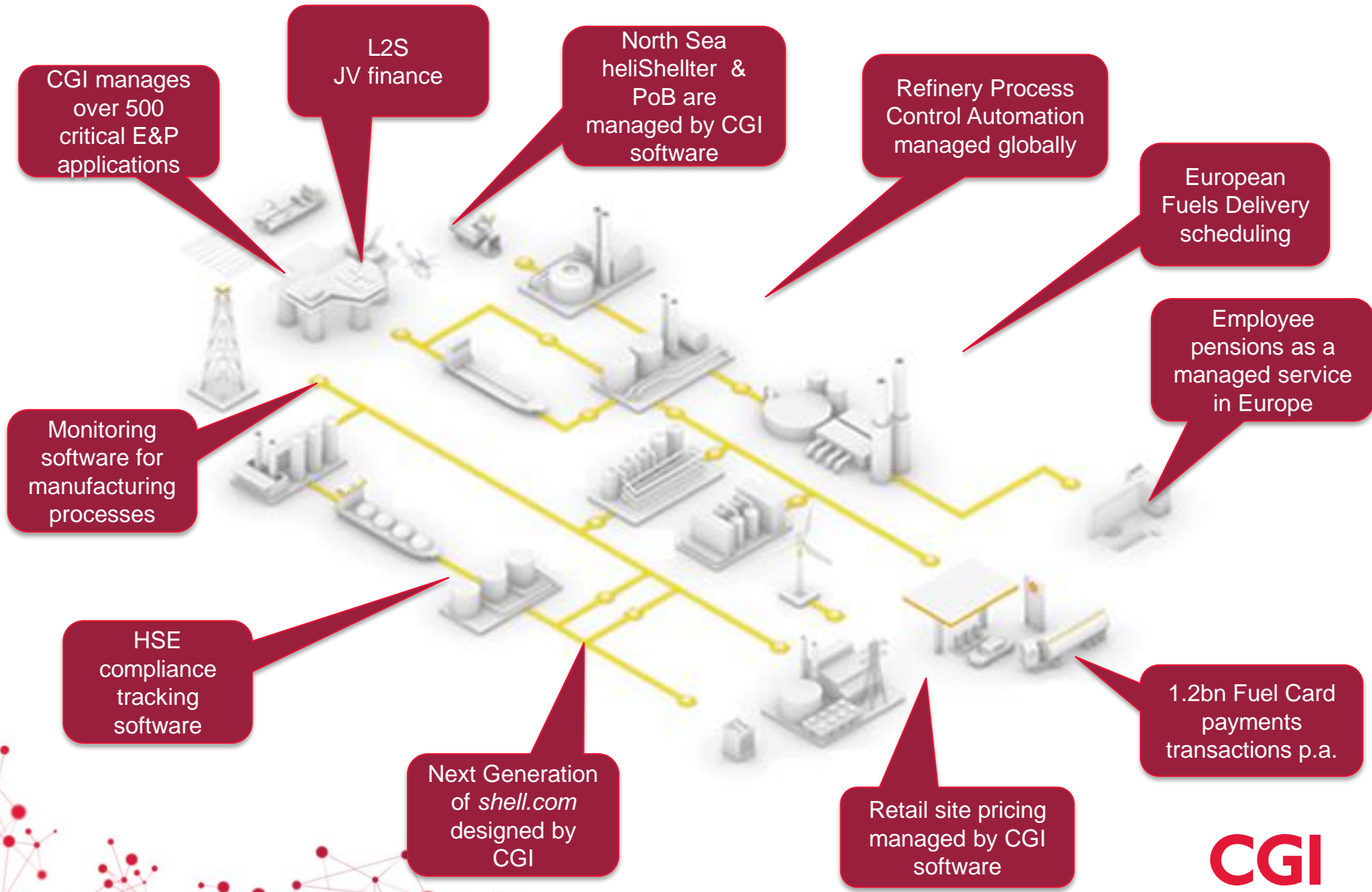
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The CGI footprint in Oil and Gas

(over 2000 professionals from 24 locations)

Pie chart 1:
- Upstream 37%
- Retail / FuelCards 30%
- Enterprise services 24%
- Manufacturing 6%
- Trading 3%

Pie chart 2:
- Americas 375
- Asia-Pac 455
- Europe 1200

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What we do for some of your partners…

CGI manages over 500 critical E&P applications

L2S JV finance

North Sea heliShellter & PoB are managed by CGI software

Refinery Process Control Automation managed globally

European Fuels Delivery scheduling

Employee pensions as a managed service in Europe

Monitoring software for manufacturing processes

HSE compliance tracking software

Next Generation of *shell.com* designed by CGI

Retail site pricing managed by CGI software

1.2bn Fuel Card payments transactions p.a.

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" There is more oil in data than there is in the ground. The challenge is in refining it. "

Industry insights
Oil and gas

Product Data Challenges

1. Making production data available is an industry challenge..
2. The internet, network and communication solutions available today have revolutionised data availability:
    a) Huge volumes of data gathered from multiple distributed data sources,
    b) real-time data, near real-time data and static data are all required for different purposes
    c) Data is not all held in the same format, system, network, organisation or geography,
3. New data types and formats are appearing all the time,
4. Information requirements continue to evolve as new patterns emerge that need to be addressed
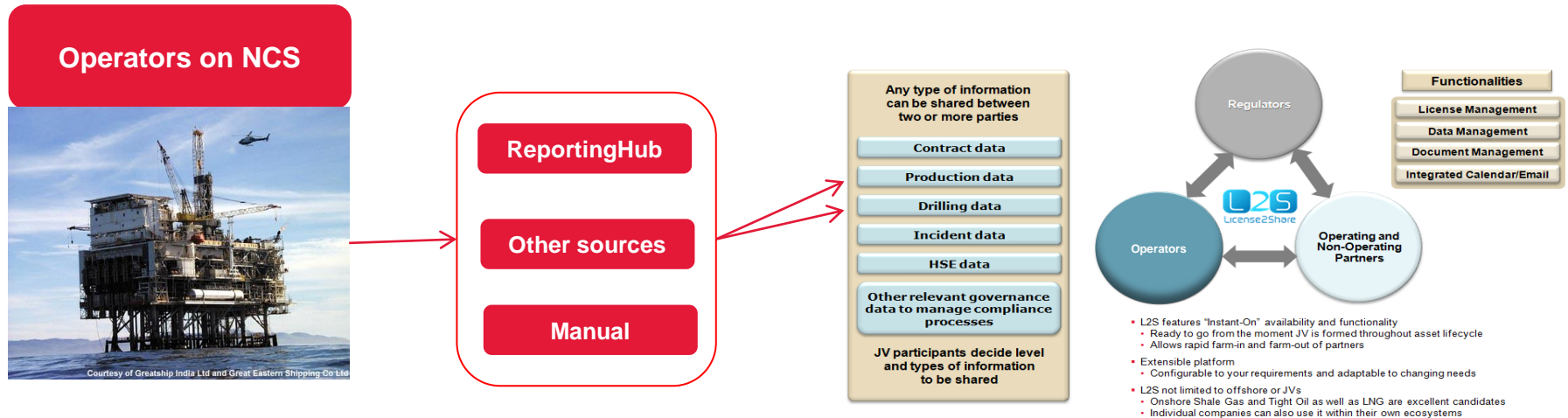
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Case

Production Data in License2Share

Operators on NCS

Courtesy of Greatship India Ltd and Great Eastern Shipping Co Ltd

ReportingHub

Other sources

Manual

Any type of information can be shared between two or more parties

- Contract data
- Production data
- Drilling data
- Incident data
- HSE data
- Other relevant governance data to manage compliance processes

JV participants decide level and types of information to be shared

Regulators

Operators

Operating and Non-Operating Partners

Functionalities
- License Management
- Data Management
- Document Management
- Integrated Calendar/Email

- L2S features "Instant-On" availability and functionality
  - Ready to go from the moment JV is formed throughout asset lifecycle
  - Allows rapid farm-in and farm-out of partners
- Extensible platform
  - Configurable to your requirements and adaptable to changing needs
- L2S not limited to offshore or JVs
  - Onshore Shale Gas and Tight Oil as well as LNG are excellent candidates
  - Individual companies can also use it within their own ecosystems

Content

- Daily Production Reports
- Monthly Production Reports

Advantages

- Archived during live cycle of Joint Venture (> 10 years), findability
- Secured reporting area for partners and authorities, audit trail
- Supports M&A, Divestments : DataRoom
- Manages governance around production reporting

Examples other Content

- Project Information
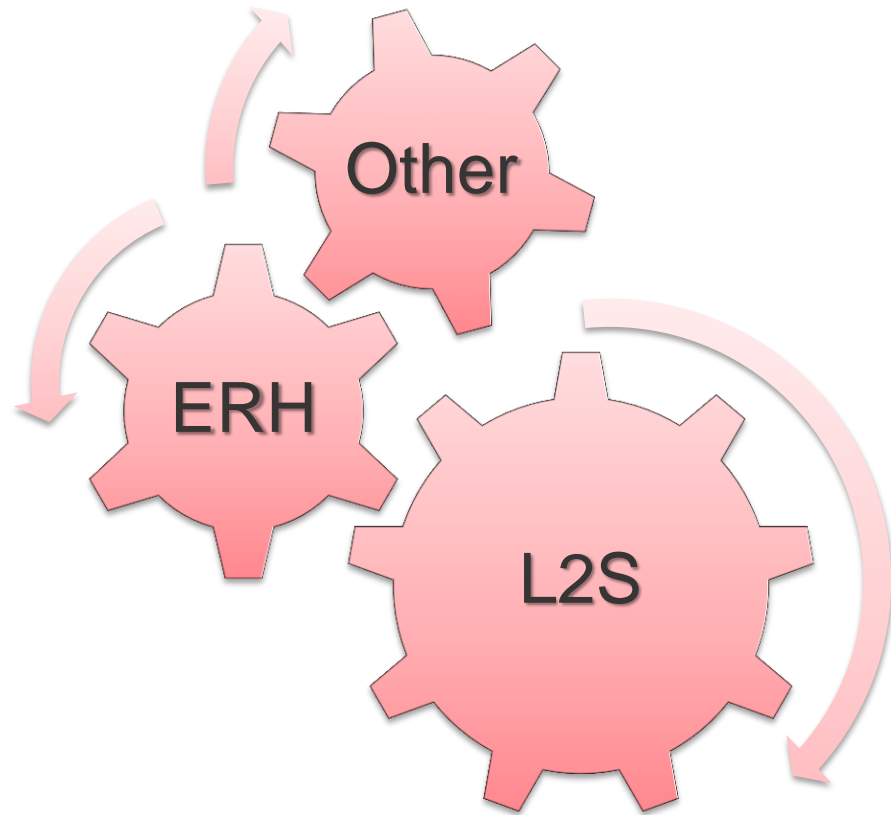- Drawings
- HSE
- Financials
- Contracting

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What's next

There is a wealth of data
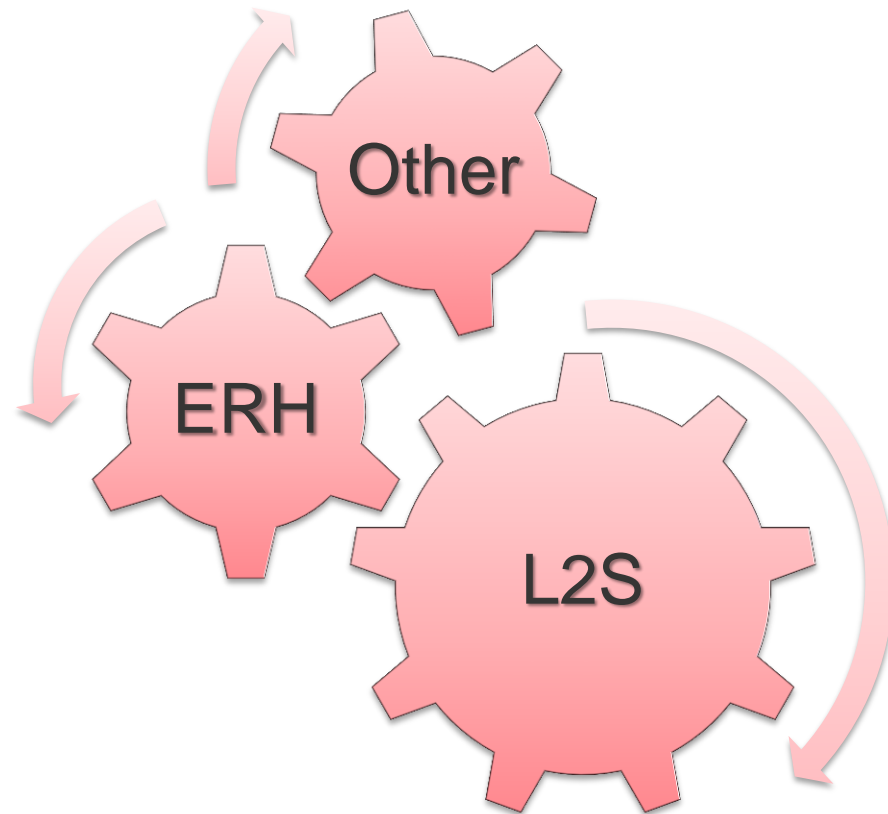
How can you make this production data available?

Access the L2S system

Automate integration

Other

ERH

L2S

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Overview of L2S web services

- Options available
  - Authenticate
  - Upload
  - Download
  - Search
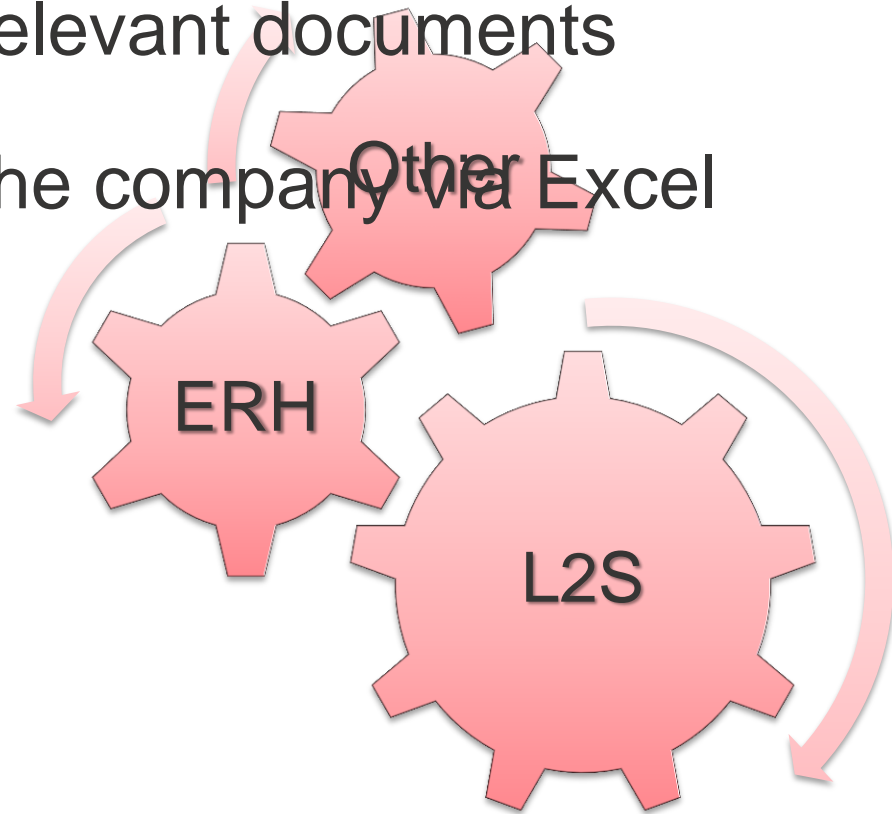 - Create Folder
  - Upload Report

Other

ERH

L2S

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Search Operation

- Search Criteria
  - License
  - Created Date
  - Modified Date
  - Retention Date
  - Name
  - Committee
  - Company Reference
  - Location

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<?xml version="1.0" encoding="utf-8" ?
<request>
    <token></token>
    <operation>search</operation>
    <license>PL7777</license>
    <search_location>Performance:Produ
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        <year>2014</year>
        <month>01</month>
        <day>01</day>
    </created_from_date>
    <modified_from_date>
        <year>2014</year>
        <month>04</month>
        <day>01</day>
    </modified_from_date>
    <committee>pl777-mc</committee>
    <include_subfolders>true</include_
```
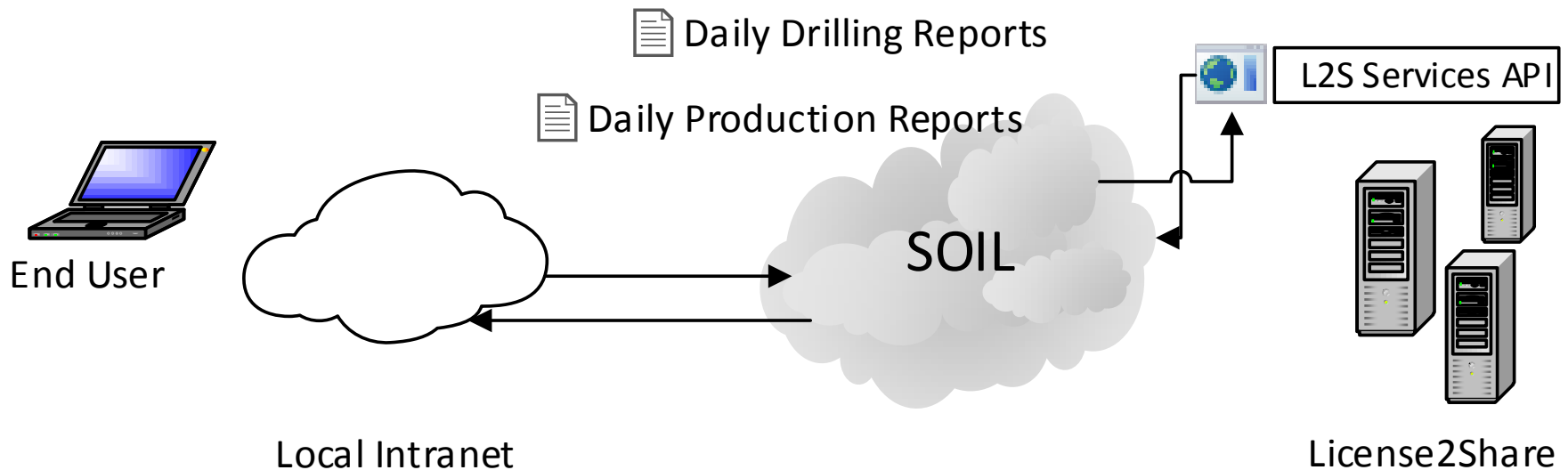
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An Example (Before)

- Log in to License2Share

- Copy links to all relevant documents

- Distribute within the company via Excel

Other

ERH

L2S

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An example

- Partner companies poll License2Share

- New reports are made available internally

Daily Drilling Reports

Daily Production Reports

L2S Services API

SOIL

End User

Local Intranet

License2Share

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Looking forward :
What else can the API do?

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Vision

- More production data

- Extended search capabilities

- Data Mining

- Connectors to specific systems such as SharePoint

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Our commitment to you

We approach every engagement with one objective in mind: to help clients succeed

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