Laserfiche
EMPOWER2015

Overview of Laserfiche Architecture

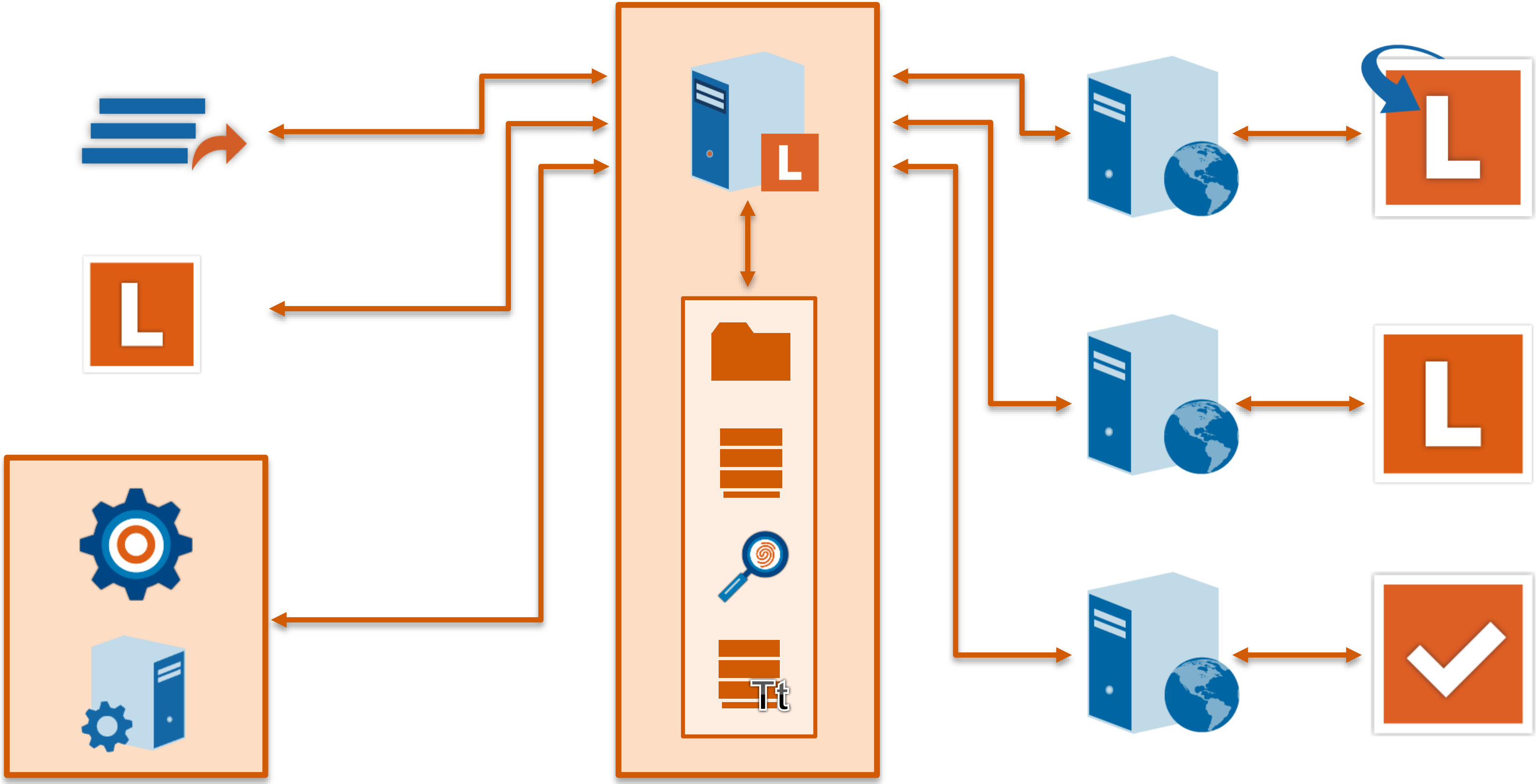
Caroline Hsu

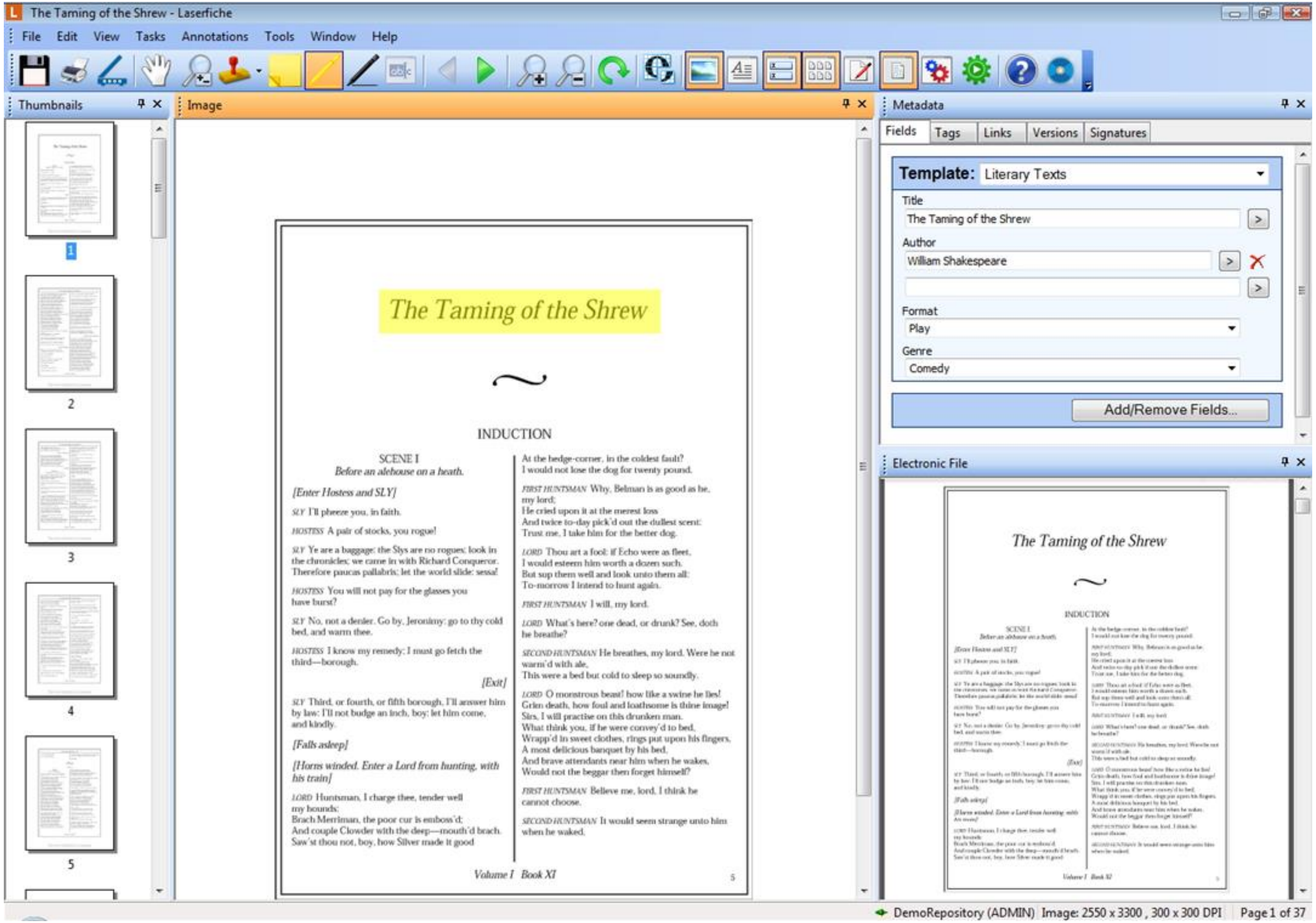
Presales Engineer

Agenda

- Parts of Laserfiche
- Big picture
- Best practices

Architecture





The Taming of the Shrew

INDUCTION

SCENE I
Before an alehouse on a heath.

[Enter Hostess and SLY]

SLY I'll pheeze you, in faith.

HOSTESS A pair of stocks, you rogue!

SLY Ye are a baggage: the Slys are no rogues; look in the chronicles; we came in with Richard Conqueror. Therefore paucas pallabris; let the world slide: sessa!

HOSTESS You will not pay for the glasses you have burst?

SLY No, not a denier. Go by, Jeronimy: go to thy cold bed, and warm thee.

HOSTESS I know my remedy; I must go fetch the third—borough.

[Exit]

SLY Third, or fourth, or fifth borough, I'll answer him by law: I'll not budge an inch, boy: let him come, and kindly.

[Falls asleep]

[Horns winded. Enter a Lord from hunting, with his train]

LORD Huntsman, I charge thee, tender well
my hounds:
Brach Merriman, the poor cur is emboss'd;
And couple Clowder with the deep—mouth'd brach.
Saw'st thou not, boy, how Silver made it good
At the hedge-corner, in the coldest fault?
I would not lose the dog for twenty pound.

FIRST HUNTSMAN Why, Belman is as good as he,
my lord;
He cried upon it at the merest loss
And twice to-day pick'd out the dullest scent:
Trust me, I take him for the better dog.

LORD Thou art a fool: if Echo were as fleet,
I would esteem him worth a dozen such.
But sup them well and look unto them all:
To-morrow I intend to hunt again.

FIRST HUNTSMAN I will, my lord.

LORD What's here? one dead, or drunk? See, doth
he breathe?

SECOND HUNTSMAN He breathes, my lord. Were he not
warm'd with ale,
This were a bed but cold to sleep so soundly.

LORD O monstrous beast! how like a swine he lies!
Grim death, how foul and loathsome is thine image!
Sirs, I will practise on this drunken man.
What think you, if he were convey'd to bed,
Wrapp'd in sweet clothes, rings put upon his fingers,
A most delicious banquet by his bed,
And brave attendants near him when he wakes,
Would not the beggar then forget himself?

FIRST HUNTSMAN Believe me, lord, I think he
cannot choose.

SECOND HUNTSMAN It would seem strange unto him
when he waked.

Volume I Book XI 5

Template: Literary Texts

Title: The Taming of the Shrew

Author: William Shakespeare

Format: Play

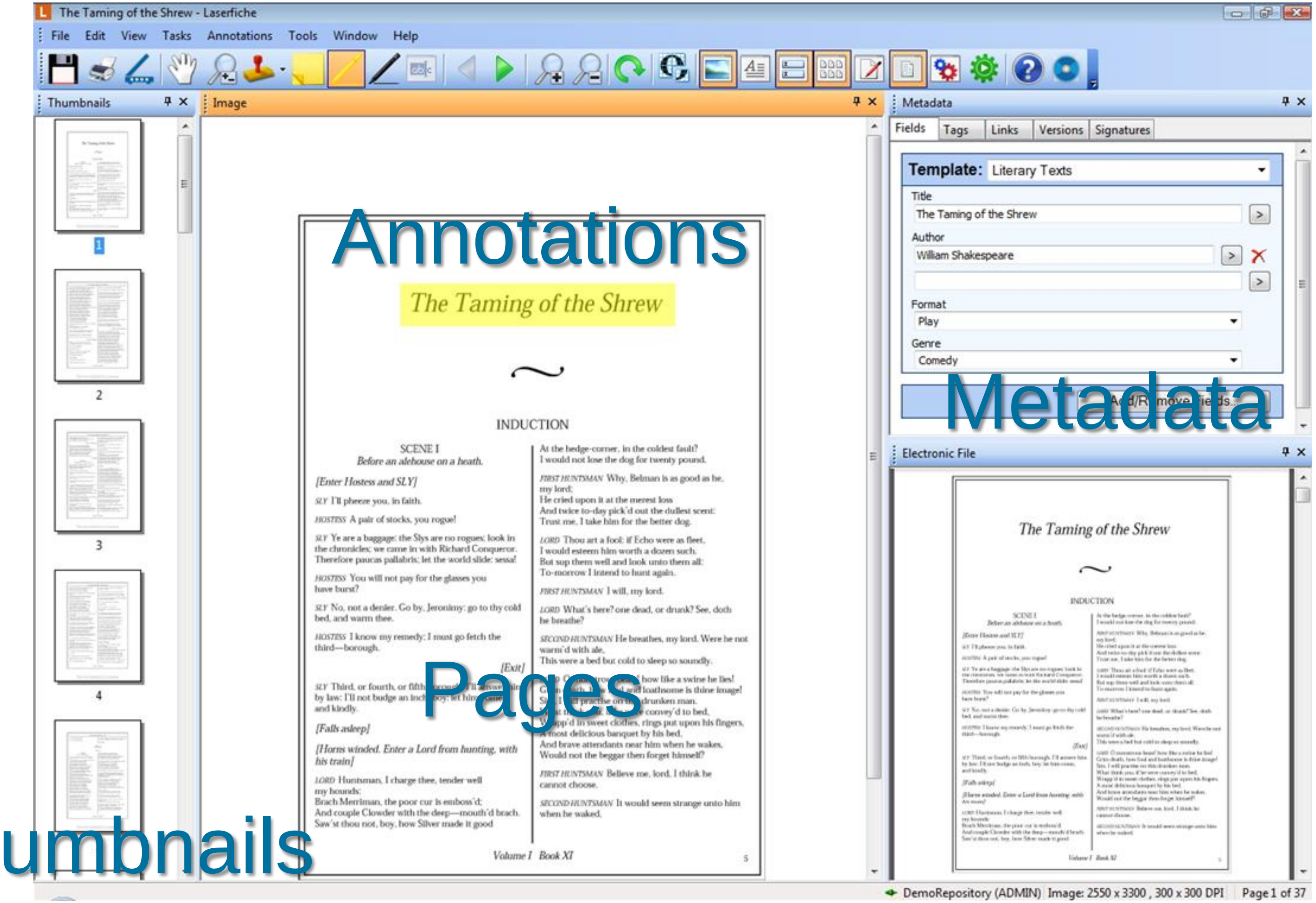
Genre: Comedy

DemoRepository (ADMIN) Image: 2550 x 3300 , 300 x 300 DPI Page 1 of 37

What’s in a document?

DOC

- Pages
- Metadata
- Electronic document
- Annotations
- Thumbnails



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The Taming of the Shrew

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[illegible] and loathsome is thine image!
[illegible] practise on [illegible] drunken man.
[illegible] convey'd to bed,
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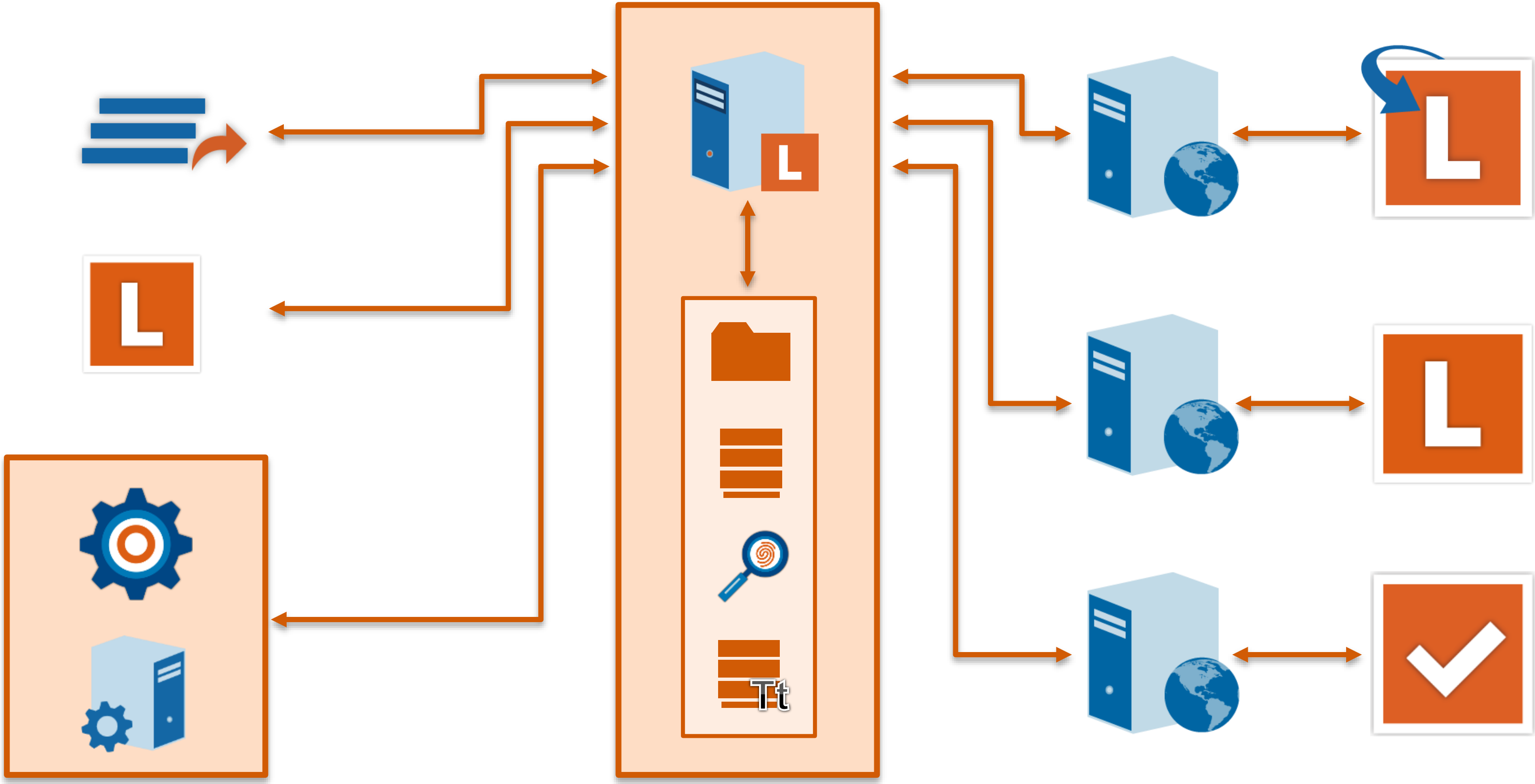
Volume I Book XI 5

Architecture



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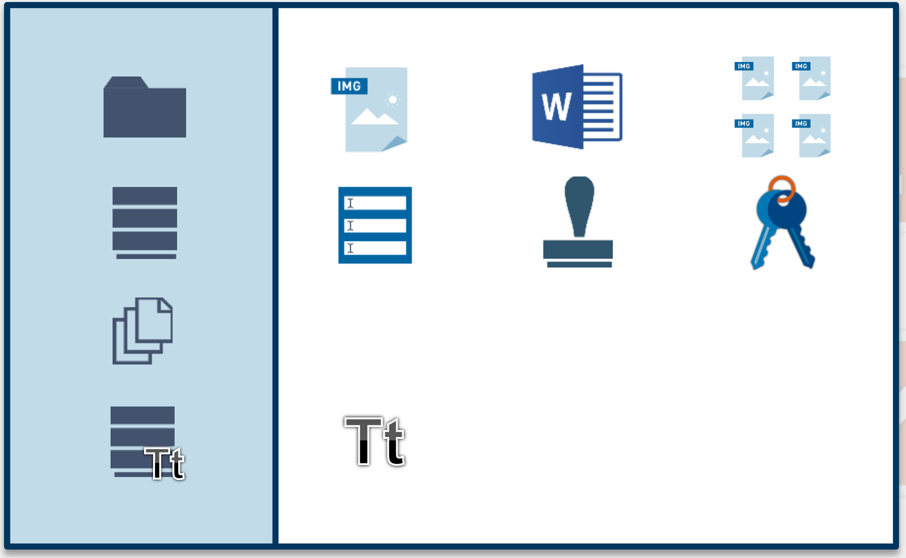
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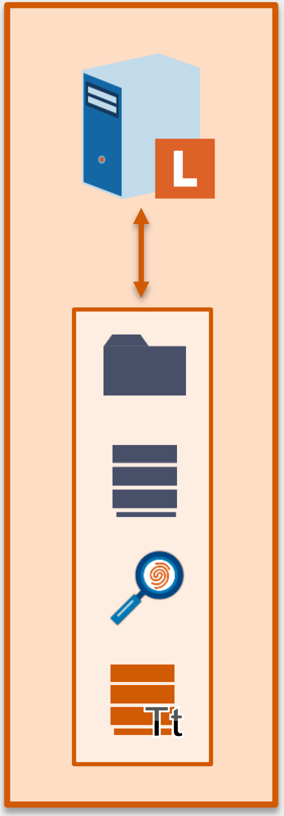
Volumes

Database

Audit Logs

LFFTS Catalog

Architecture



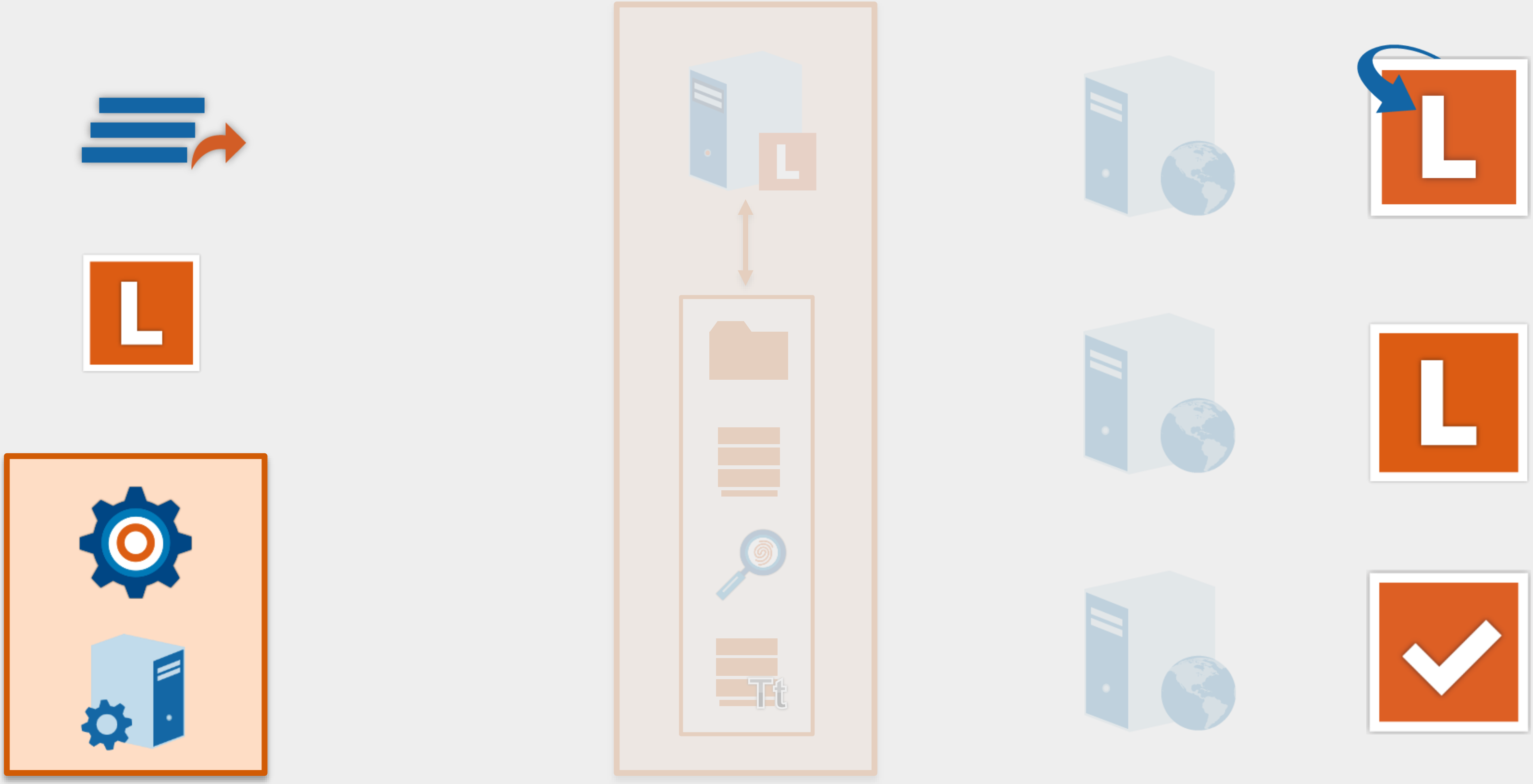
Server

Repository

Audit Trail

LFFTS Engine

Client Applications



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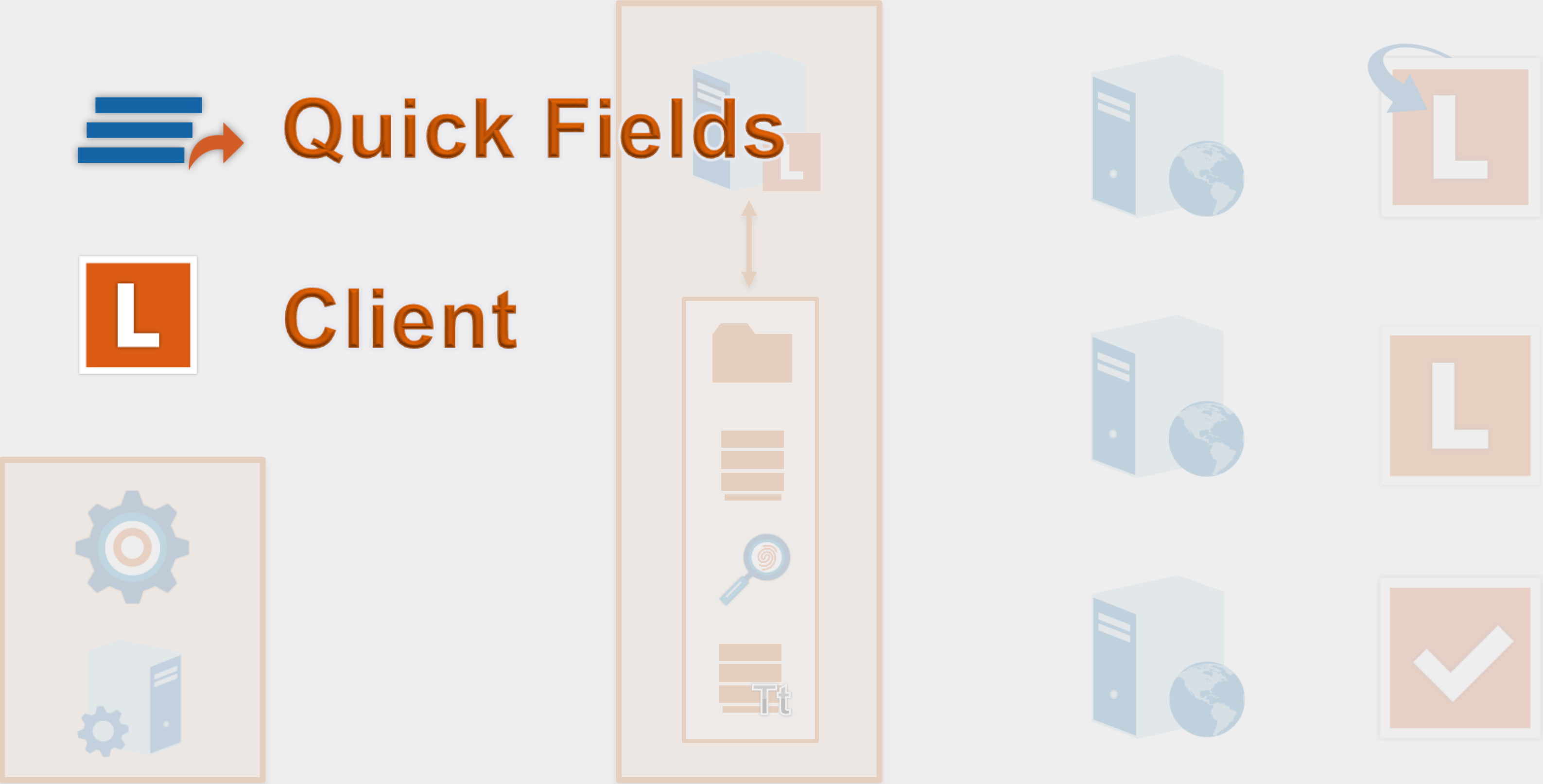
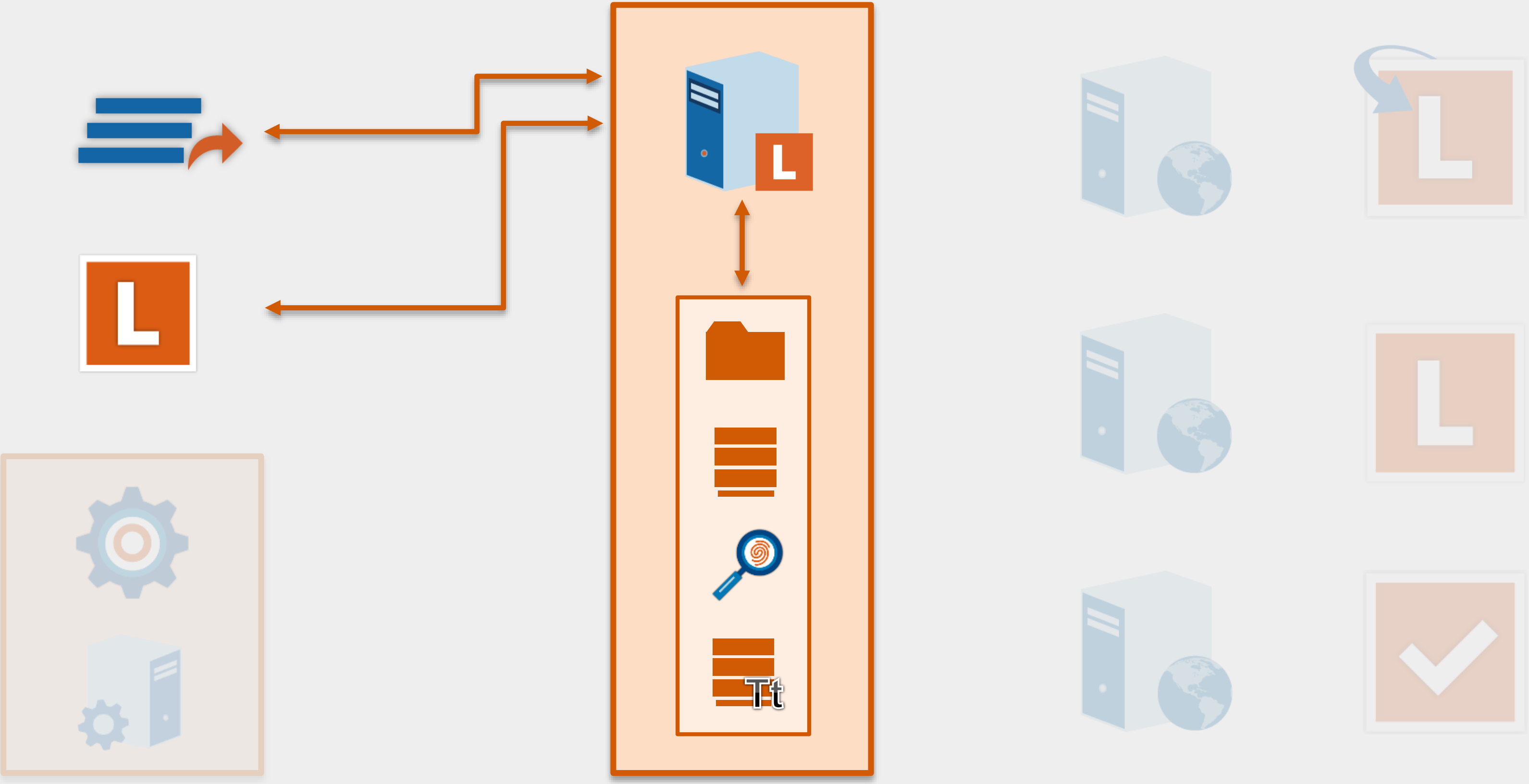


Quick Fields

Client

Desktop Client Applications



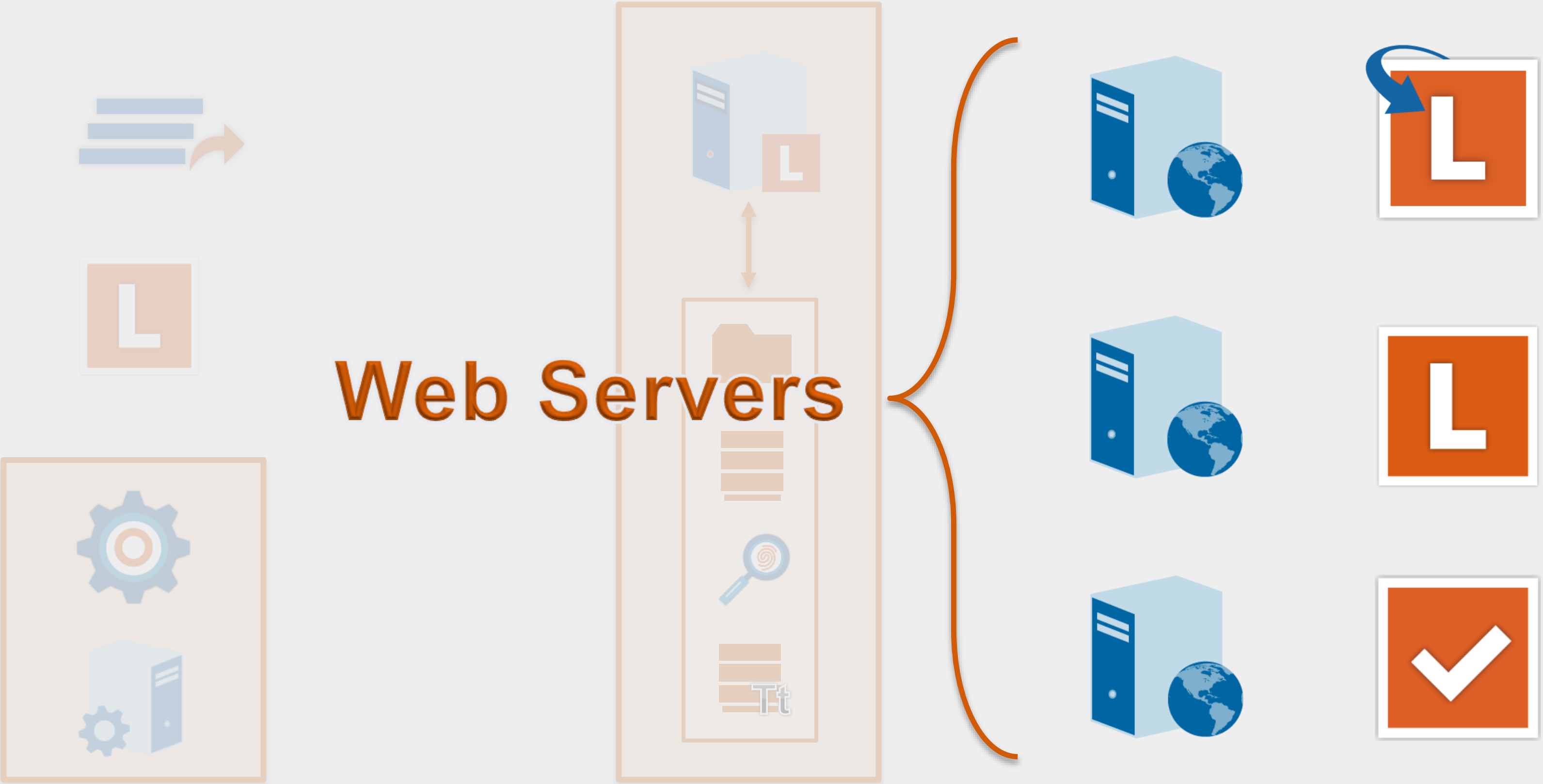
Web Client Applications

Web Link

Web Access

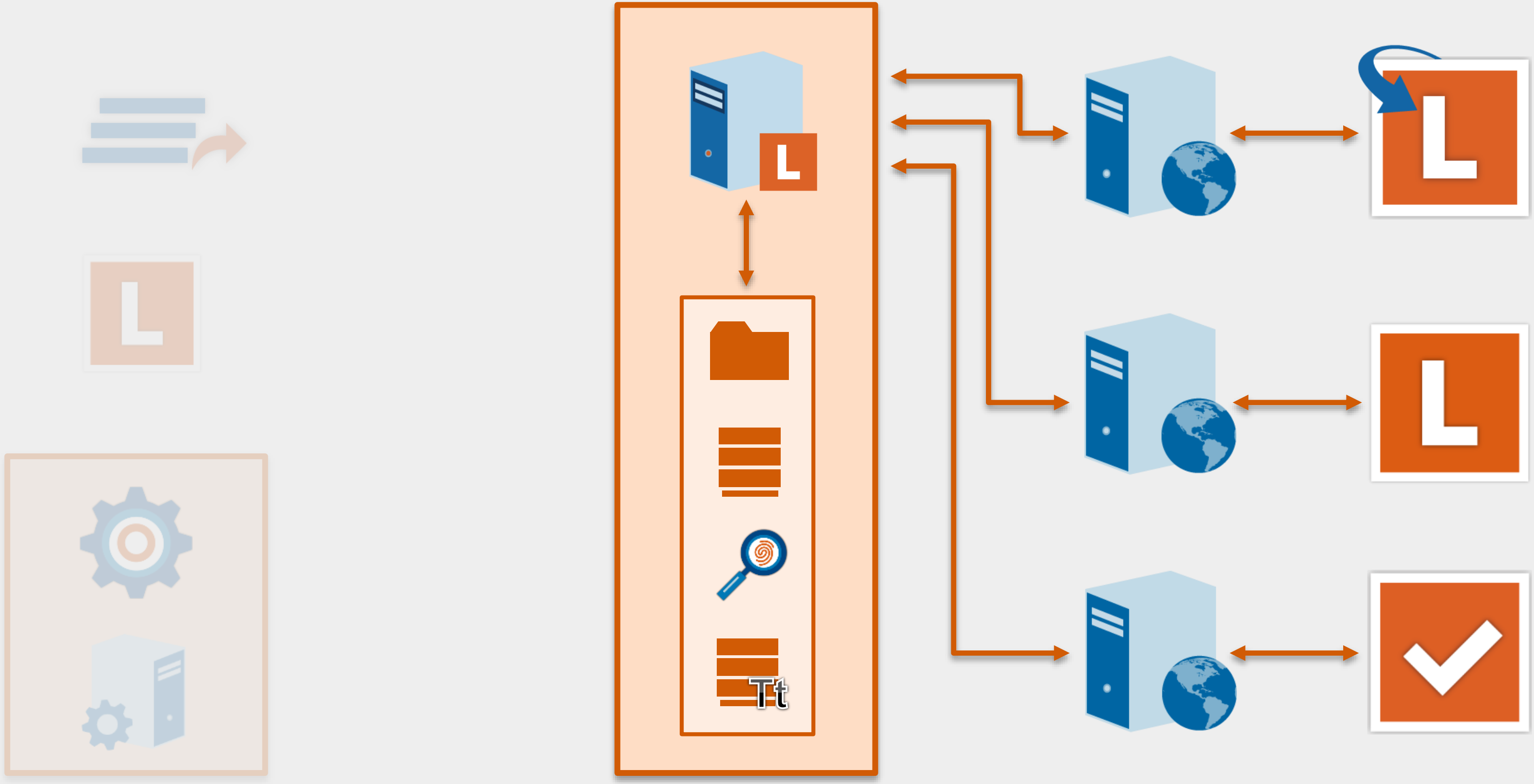
Laserfiche Forms

Web Client Applications

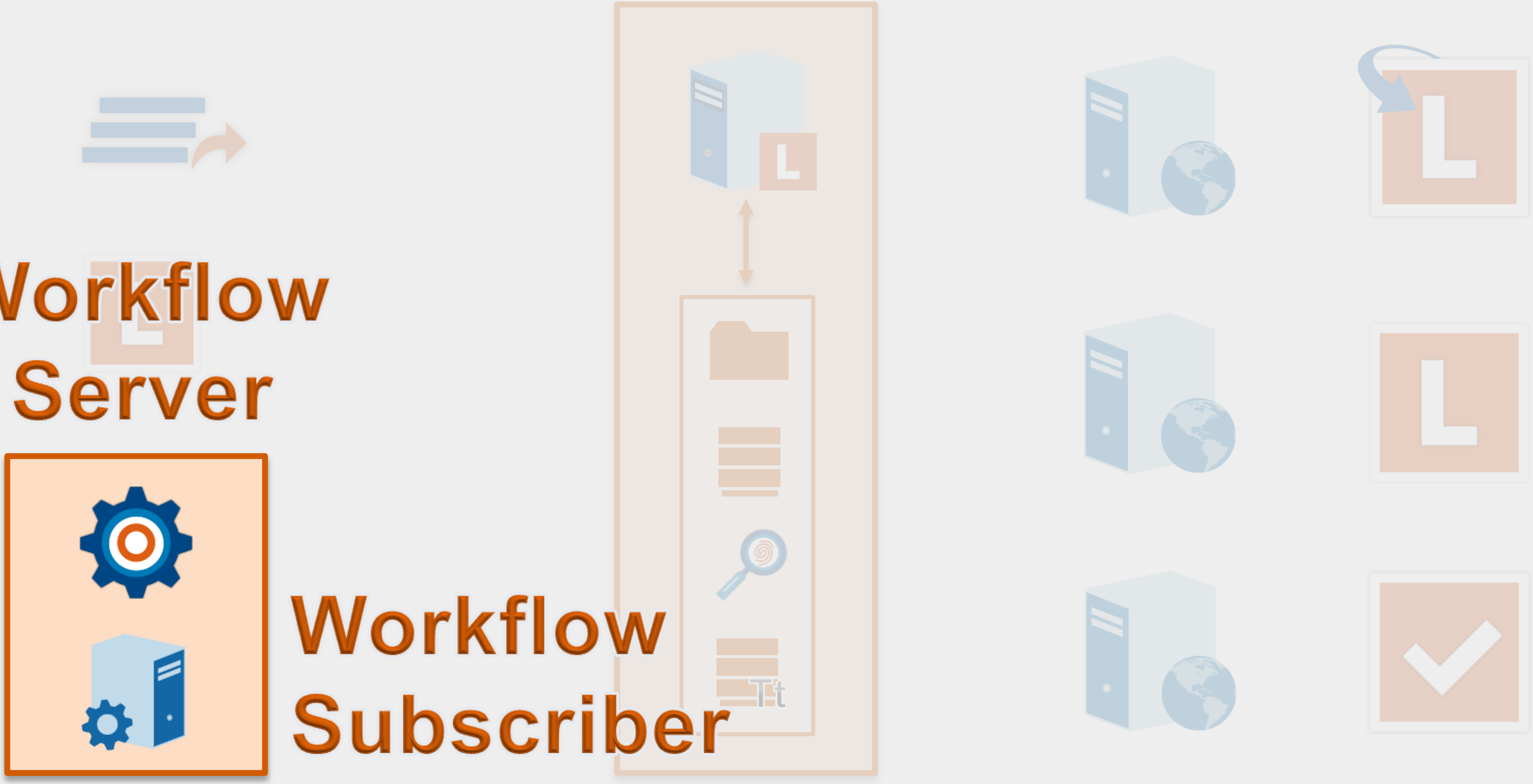


Web Servers

Web Client Applications



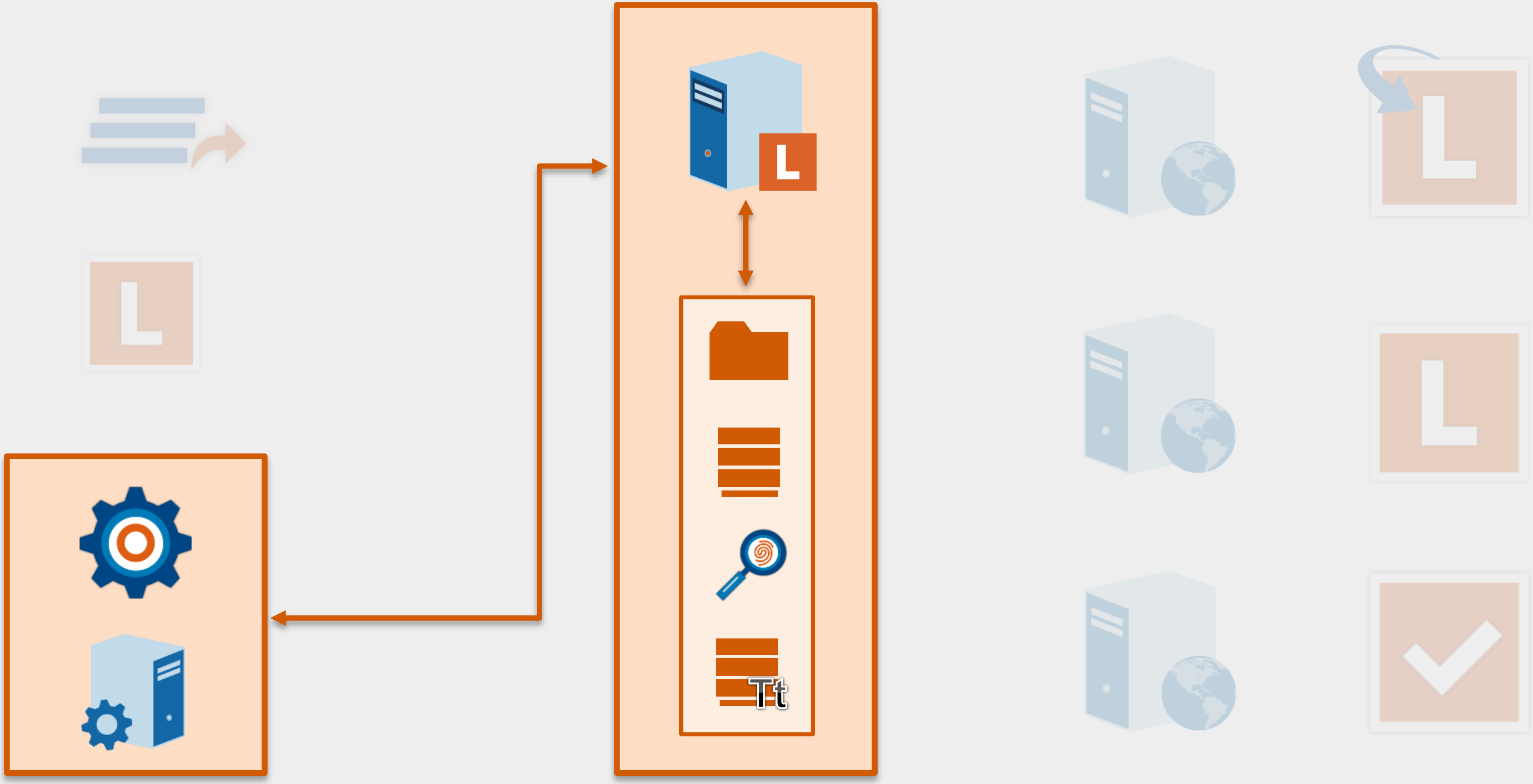
Workflow



Workflow Server

Workflow Subscriber

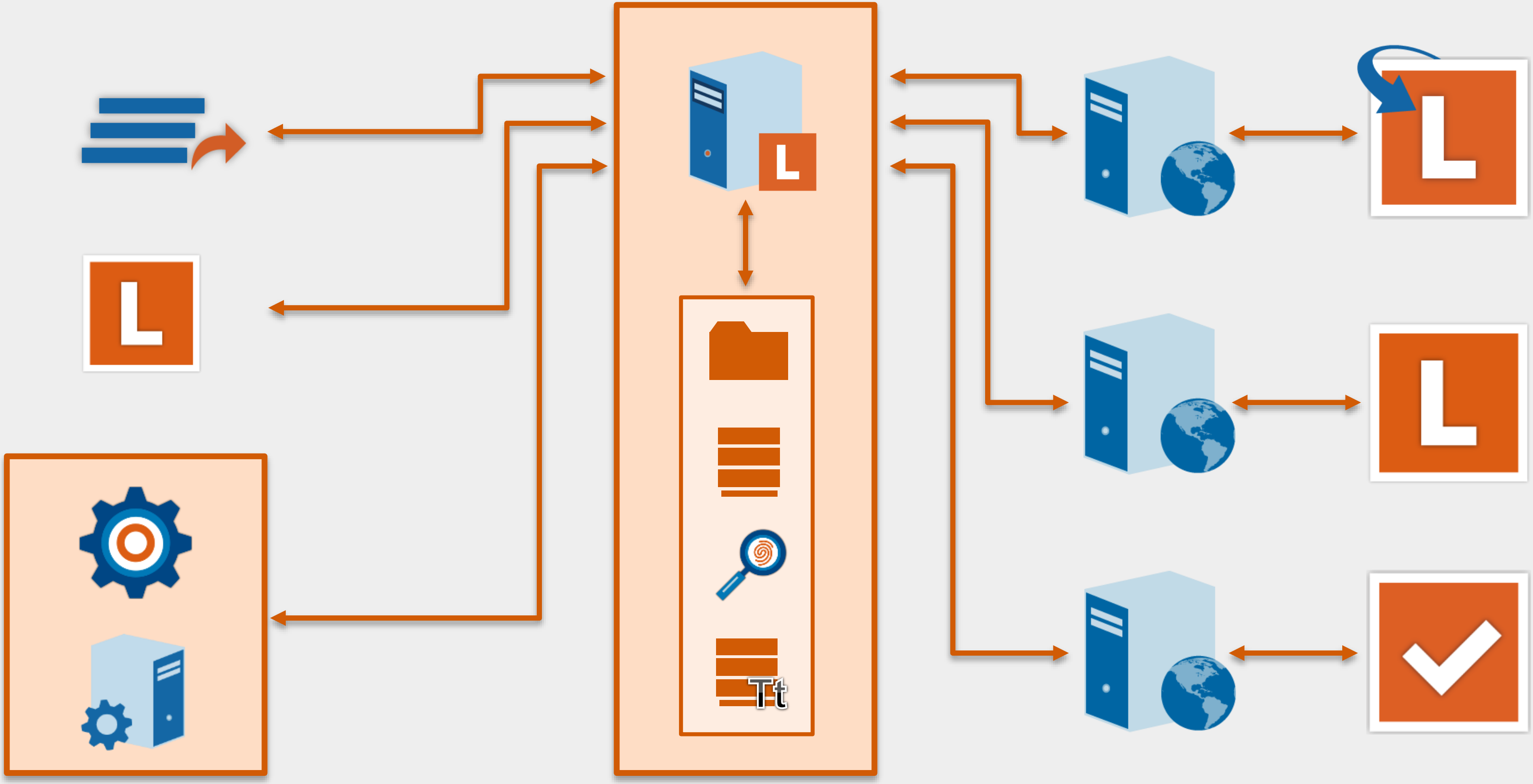
Workflow



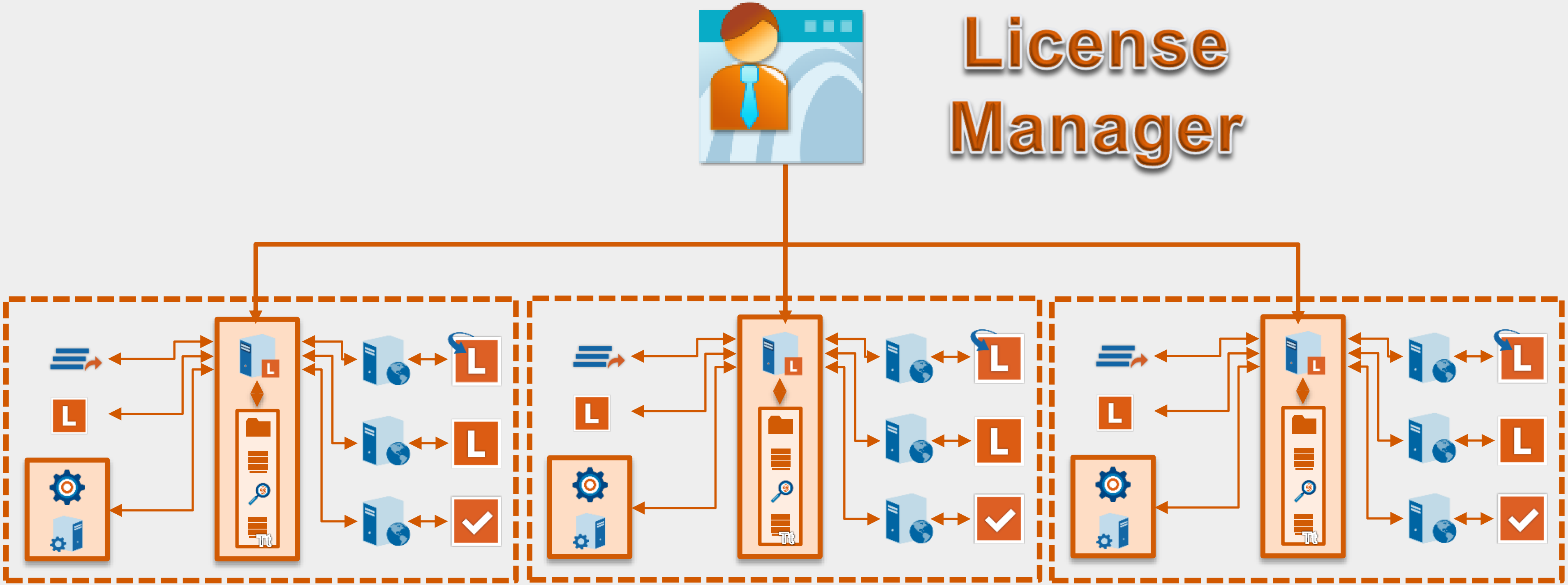
All together, now!

(Everybody!)

Avante



Rio



License Manager

Architecture

- How do all the components talk?
  - HTTP
  - SSL
    - Web Browser to Web Server
    - Application to server

Distributing the Workload

- Why distribute?
- How do I distribute?

Distributing the Workload

- Why distribute?
  - Performance
  - Scalability
- How do I distribute?

Distributing the Workload

- Why distribute?
- How do I distribute?
  - DBMS
  - Laserfiche Server
  - Full Text Search Engine
  - Workflow Server

Distributing the Workload

- Why distribute?
- How do I distribute?
- OCR distribution:
  - Distributed Computing Cluster