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| Solution Document  Online Learning Platform | Author:  Owner:  Client: Jarl Tuxen  Version: |

# Solution Document History

## Revision History

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| --- | --- | --- | --- |
| version | Revision date | Implemented by | Reason |
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## Approvals

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| Version | Name | Title | Date |
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## Distribution

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## Confidentiality Rating

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| Rating |  |
| Company Confidential | x |
| Non Confidential |  |

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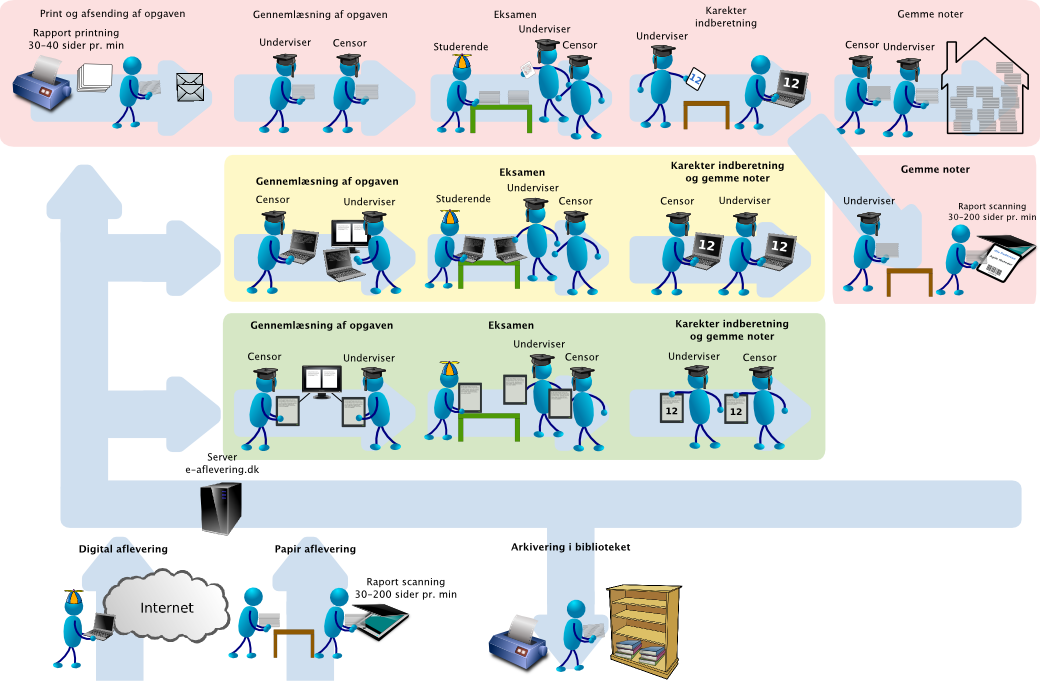
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# General

[General description of solution at a high level eg. Flow of the process you want to build a solution for, the sample below is for medical transcription]



## Solution summary

[In short this project will …. improve/make it cheaper/give new options for …]

## Deliverables summary

[What this project will deliver that can be measured afterwards:

Better...

Improved...

Cheaper...]

## Cost summary

[High level cost elements that the project will carry:

* Hosting
* Software licenses
* Operations costs
* Software development hours
* …

High level cost elements that the project will not carry as it can use existing architecture...

* Share hosting with other projects
* …

]

# Recommendation and next steps

[Why should we do this project and when should it start. What needs to happen to do this project and what steps does the project involve.]

# Detailed solution description

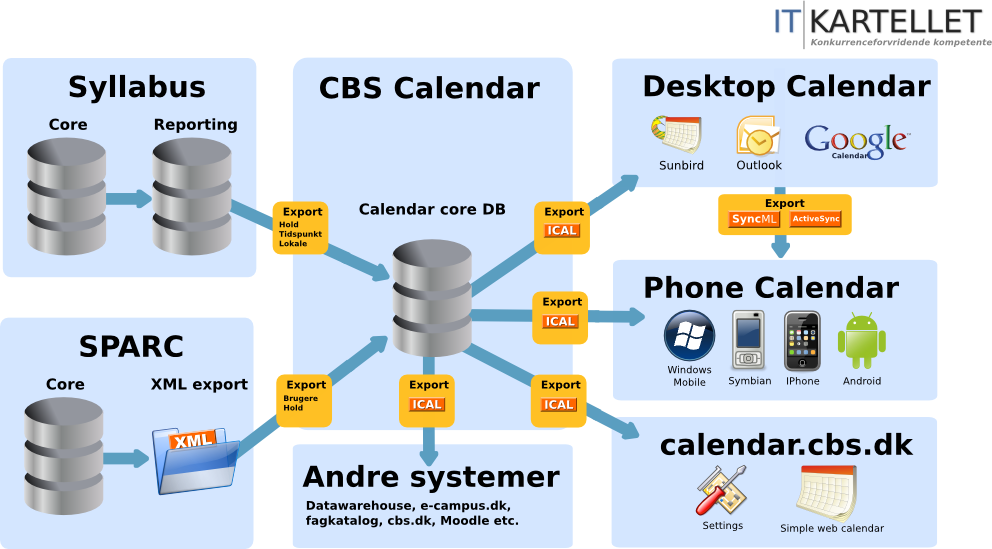
[Detailed description of the in the following sub sections]

## Technical dictionary

[Explain technical terms used so that the business can understand it.]

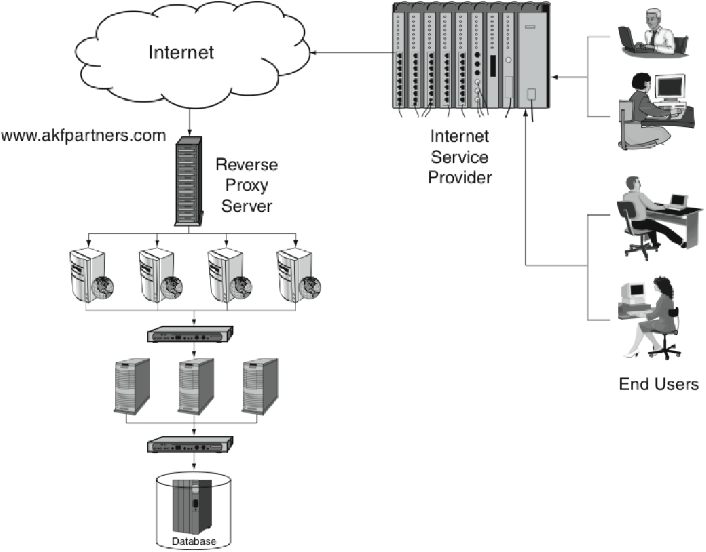
## Architecture overview

[Description of components involved and drawing of architecture]



## Server setup

[Description of servers setup and sizing, include a drawing of setup  
eg.]



## Functional requirements

[What should the system be able to do. Behavior or functions of the system]

## Non-functional requirements

[How do we measure that the system works as it should.Specifies criteria that can be used to judge the operation of a system.

fx.

* How many requests/second a system can handle
* Number of users per hour
* Response time for 90% of the requests
* Startup time
* Request size and round trips
* Recovery time from backup]

## Capacity recommendations

[How does the system scale and how do we measure it under SPT.]

# Impact on other system

[How does the new system impact other system or infrastructure as the company.]

# Failover and scalability

[How does the system scale and how does it handle failover.]

## Technical implementation plan

[How should the system be implemented with timeline.]

## Solution implementation components (work breakdown structure)

[What steps do you need to do to implement the product or project

eg.

Preparation

1. Analysis of requirements
2. ...
3. Create installation manuals
4. Performance testing

Development of software

1. Web service development
2. ...
3. Frontend development

Hardware setup

1. Install Hypervisor
2. Create VM’s for project
3. Install webservers and databases
4. SPT test of basic setup
5. ...]

# Cost

[What does the system cost to implement.]

## Platform cost

## License and support

## Operational Cost

# Risks

[What risks are there in the project.]

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| Item # | Area | Description | Rank (RF=i\*p) | Mitigation | Solution |
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