



# Healthcare Information Suite



oktober 2010

# Agenda

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- Hvad er tanken bag en Suite?
- Hvad indeholder den typisk i dag?
- Hvor udvikler den sig?
- Hvilke fordele kan fremhæves (med demo fra Cosmic Suiten)?
- Hvorfor og hvornår skal man vælge en suite (i flg. Gartner)?

# Hvad er tanken bag en Suite?

## Suite - definition:

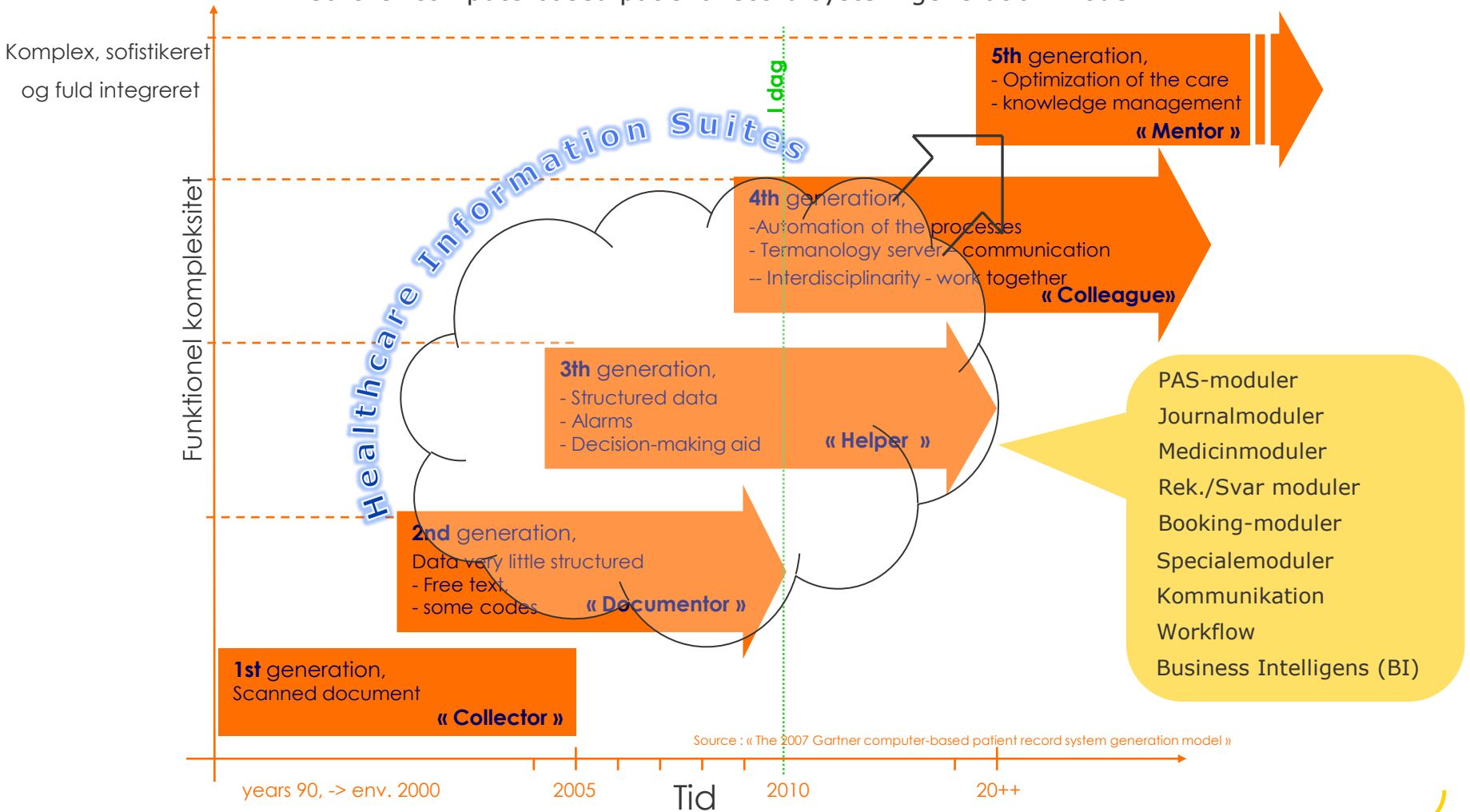
- [www.yourdictionary.com](http://www.yourdictionary.com):
  - "A group of related things intended to be used together; a set."
  - Computer science:  
"A group of software products packaged and sold together, usually having a consistent look and feel, a common installation, and shared macros"
- Tanken er at skabe "Truly Integrated Applications"

Gartner, Sep. 2010 - Truly Integrated Applications:

"When healthcare application products are designed to work together, are build by a common team using a common application infrastructure, and are based on a common database schema, Gartner refers to them as truly integrated."

# Hvad indeholder den typisk i dag?

Gartner computerbased patient record system generation model



# Hvor udvikler de sig?

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## Workflowunderstøttelse

- Clinical pathways med passiv og aktiv aktivitetshåndtering.
- Regelmaskiner

## Klinisk beslutningsstøtte

- Fejlsikring, advarsler mv.

## Knowledge management (evidensbaseret beslutningsstøtte)

- Evt. i kombination med workflowunderstøttelse

## Patient Empowerment (Patienten med i datafællesskabet)

- Patienten indgår i opdatering af datagrundlaget, kan søge information, mv.

## Suitens fordele: Truly integrated application

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Mulighed for tværgående funktionalitet på tværs af moduler.

- Eks. fra Cosmic: [Oversigter](#), [Messenger](#)

Datadeling frem for dataudveksling (semantik)

- Eks. fra Cosmic: [Emergency](#), [Messenger](#)

Umiddelbar anvendelse af data til statistikformål

- Eks. fra Cosmic: [BI kan leveres som modul i Suiten.](#)

Ensartet brugerinteraktion

- [Uddannelse og kommunikation bliver enklere](#)

# Suitens fordele – Teknologi og drift

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Fælles udviklingsplatform (komponenter kan genanvendes i flere moduler)

- Eks. fra Cosmic: Tabelfunktion fra [Birth](#)

Fælles sikkerhedshåndtering

- Eks. fra Cosmic: Messenger

Fælles administration (brugere, enheder, rettigheder osv.)

Fælles drift og fælles overvågning af denne.

- Eks. fra Cosmic: [CSM](#)

# Hvorfor og hvornår skal man vælge en suite?

- Gartner, 2007/Sep. 2010, ID; G00206865
  - Anbefalinger:
    - Benyt ikke som udgangspunkt "best of breed" som den primære valgmulighed til kliniske systemer.
      - Treat application integration as a compromise approach used to temporarily extend the useful life of an old system or meet an ad hoc requirement after careful case-by-case analysis. Do not embrace "best of breed" as the first choice for clinical systems or other highly complex enterprise applications.
    - Læg vægt på "truly integrated applications" hvor komplekse strukturerede kliniske detaljer skal være overensstemmende i enhver kontekst og forløb.
      - Favor truly integrated applications where very complex structured clinical detail must match in every detail or the workflow passes between the two applications very frequently.
    - Healthcare Organisationer som overvejer integration af modulære EHR komponenter, bør anvende kriterier som angivet i rapporten.
      - HDOs contemplating application integration of modular electronic health record (EHR) components must use the criteria in this research to decide whether a solution that meets certification requirements is tenable for their operation.





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