INTEGRATED PROGRAMMING

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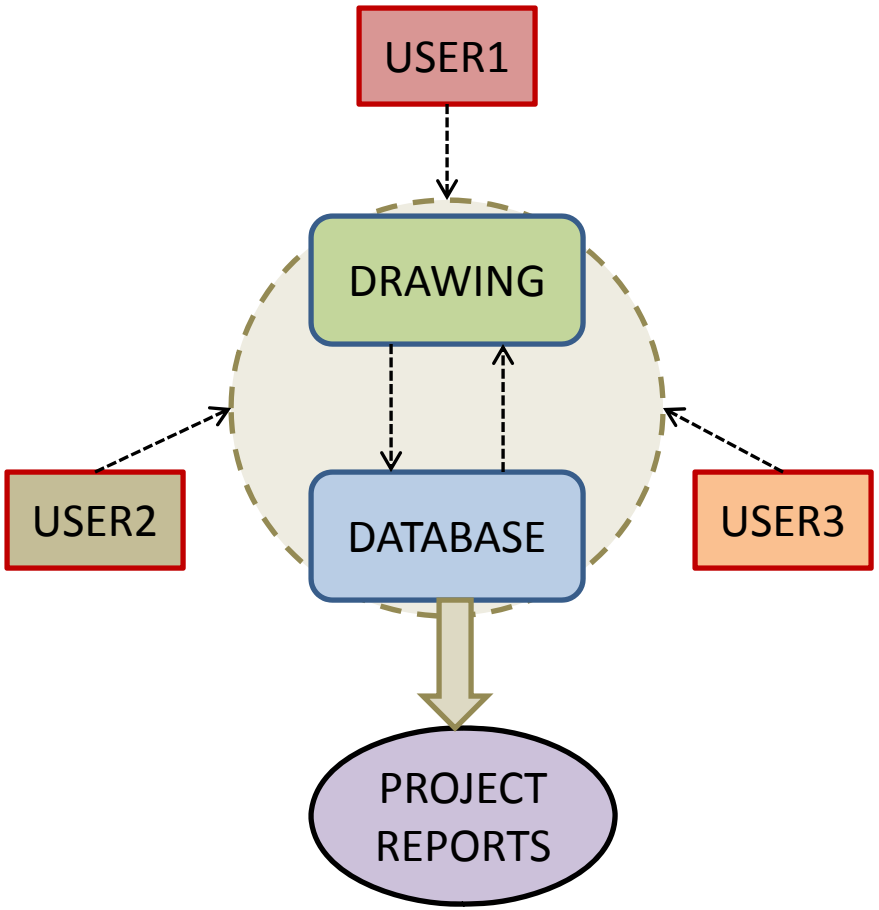
PRESENTATION OBJECTIVES

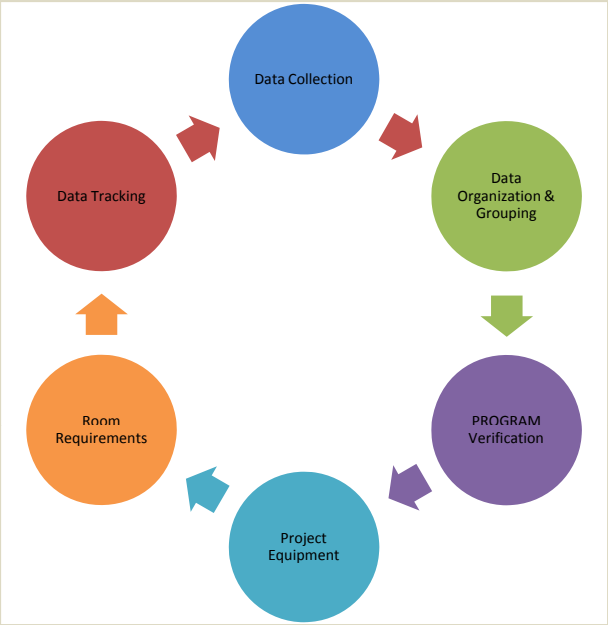
- Sample Project Workflow
- Integrated Fit-Out Planning & Programming
- Deliverables & Project Reports

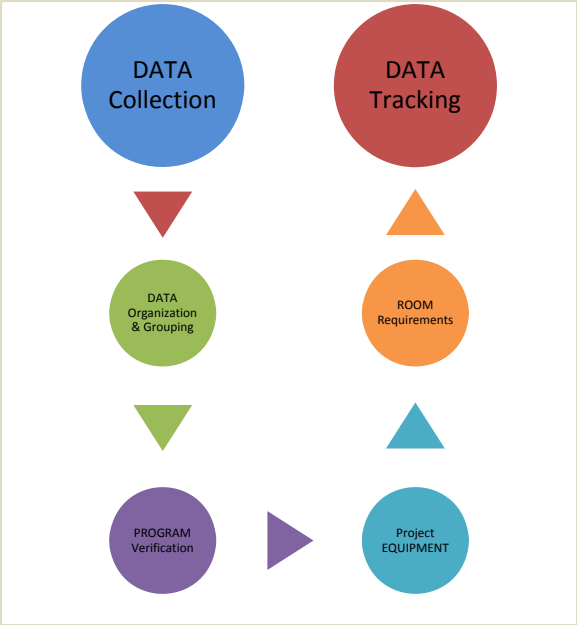
INTEGRATED PLANNING BENEFITS

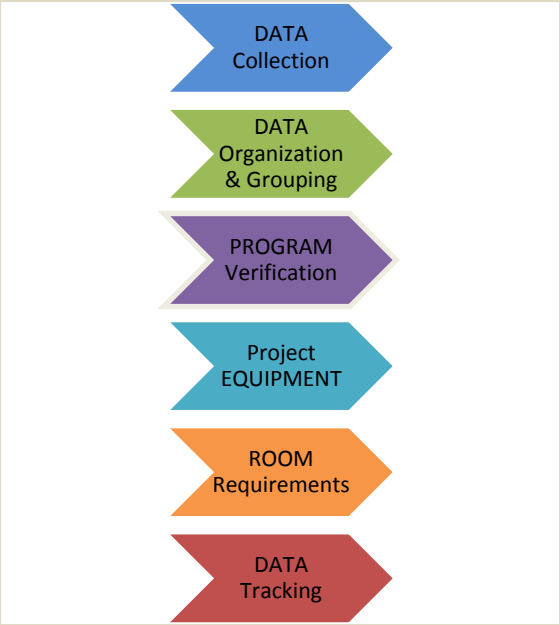
- ❑Cloud Based Database
- ❑Process Automation & Integration
- ❑Room data import to database from excel or Revit
- ❑Interdependent Revit - Tool link (Revit API)
- ❑Room & Shared Room Parameter Control
- ❑Ease of Data control and RDS field manipulation
- ❑Program validation and tracking
- ❑Multiple template option – RDS templates
- ❑FF&E capabilities
- ❑Equipment tracking capabilities
- ❑Integration of layout & data
- ❑Adaptability to building types & requirements



PROGRAMMING OVERVIEW



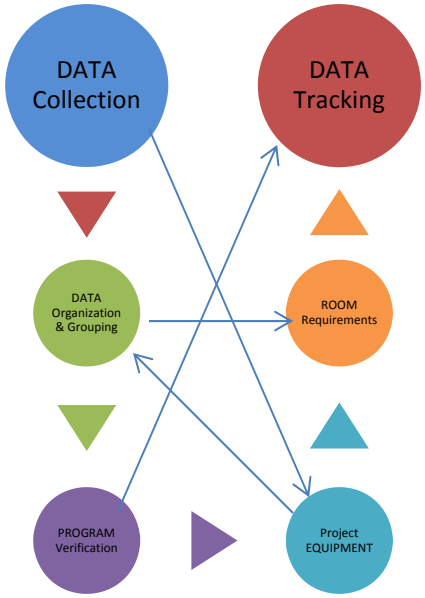


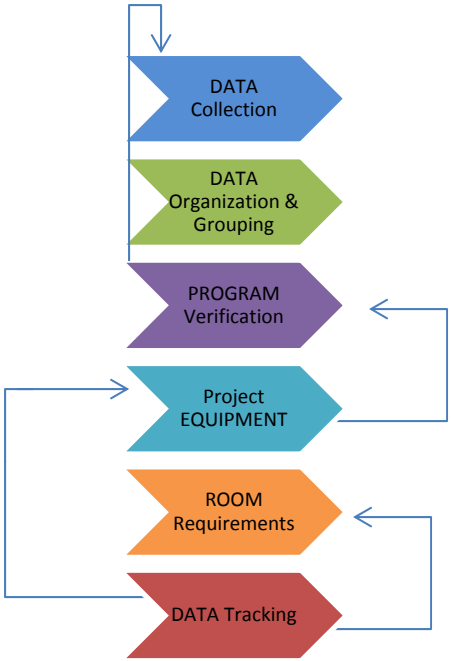


PROGRAMMING

Collection
Organization
Verification
Specialty Equipment
Environmental Requirements
Tracking

PROGRAMMING OVERVIEW





PROGRAMMING

Collection
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Layered process of data management with graphical output & building requirements capture

BUILDING A PROJECT DATABASE

01 - OFFICES
- a. Office 1
  - a.1. Room 1
  - a.2. Room 2
  - a.3. Room 3
- b. Office 2
- c. Office Support

02 -LAB1
- a. Office & Office Support
- b. Labs & Lab Support

03-LAB2
- a. Office & Office Support
- b. Labs & Lab Support
- c. Specialty Lab & Lab Support

04- LAB3
- a. Office & Office Support
- b. Labs & Lab Support

05-LAB4
- a. Office & Office Support
- b. Labs & Lab Support

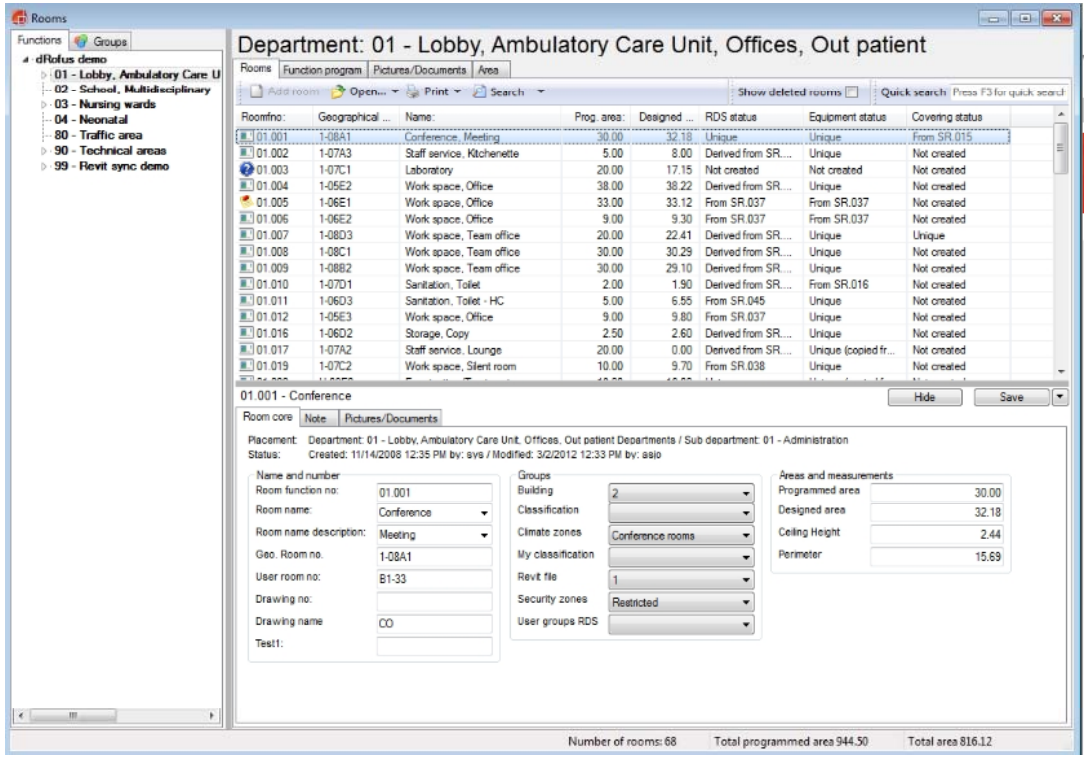
06-Core Labs
- a. LAB 1
- b. LAB 2
- c. LAB 3

07. Shared Lab Facilities
- a. TYPE 1
- b. TYPE 2

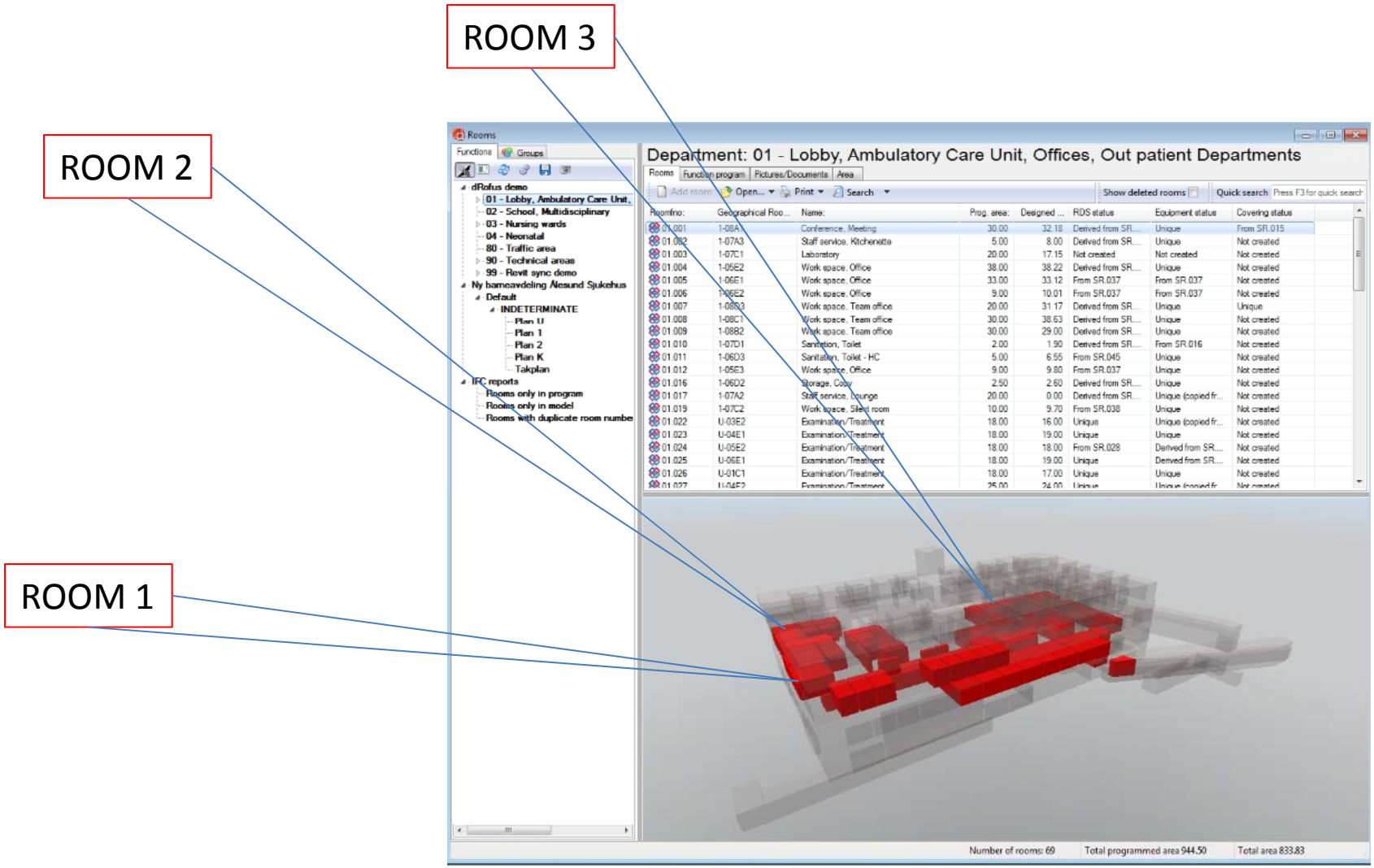
08. Shared Building Facilities
- a. F1
- b. F2
- c. F3
- d. F4
- e. F5

PROJECT TREE

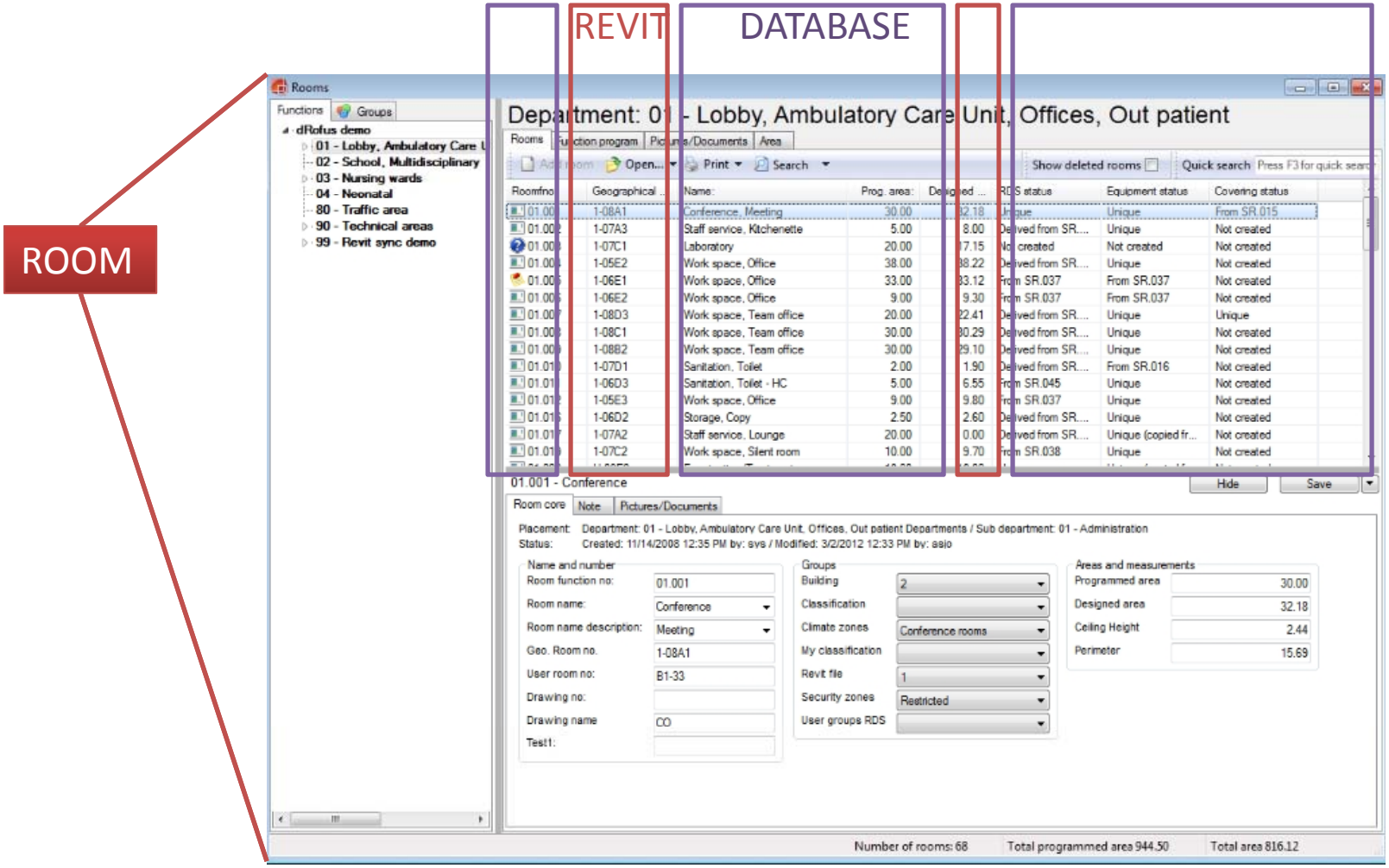
- DEPARTMENT
  - SUB-DEPARTMENT
    - ROOM = CONTAINER
      - ROOM PROGRAM AREA



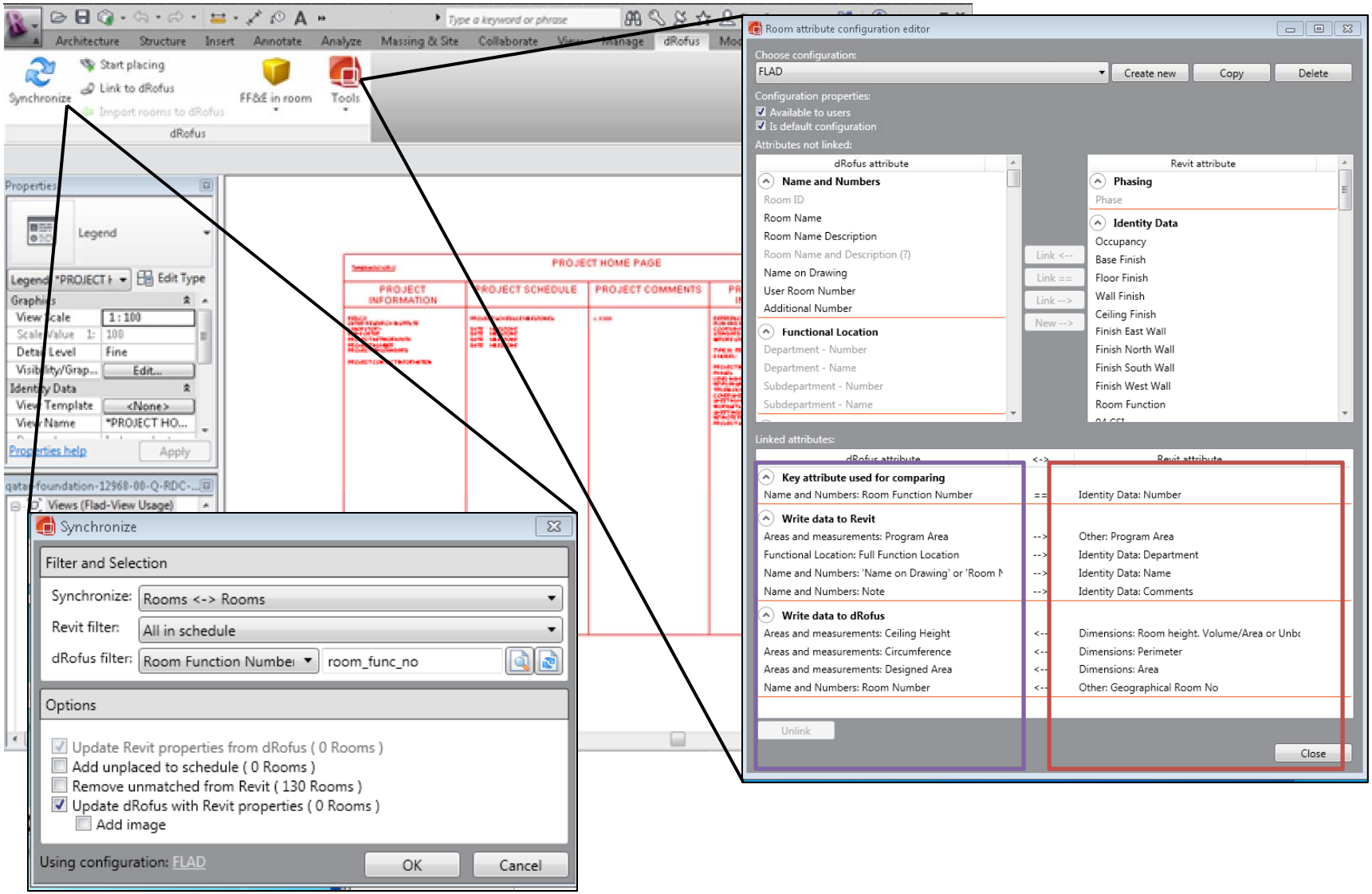
ROOM – IFC MODEL



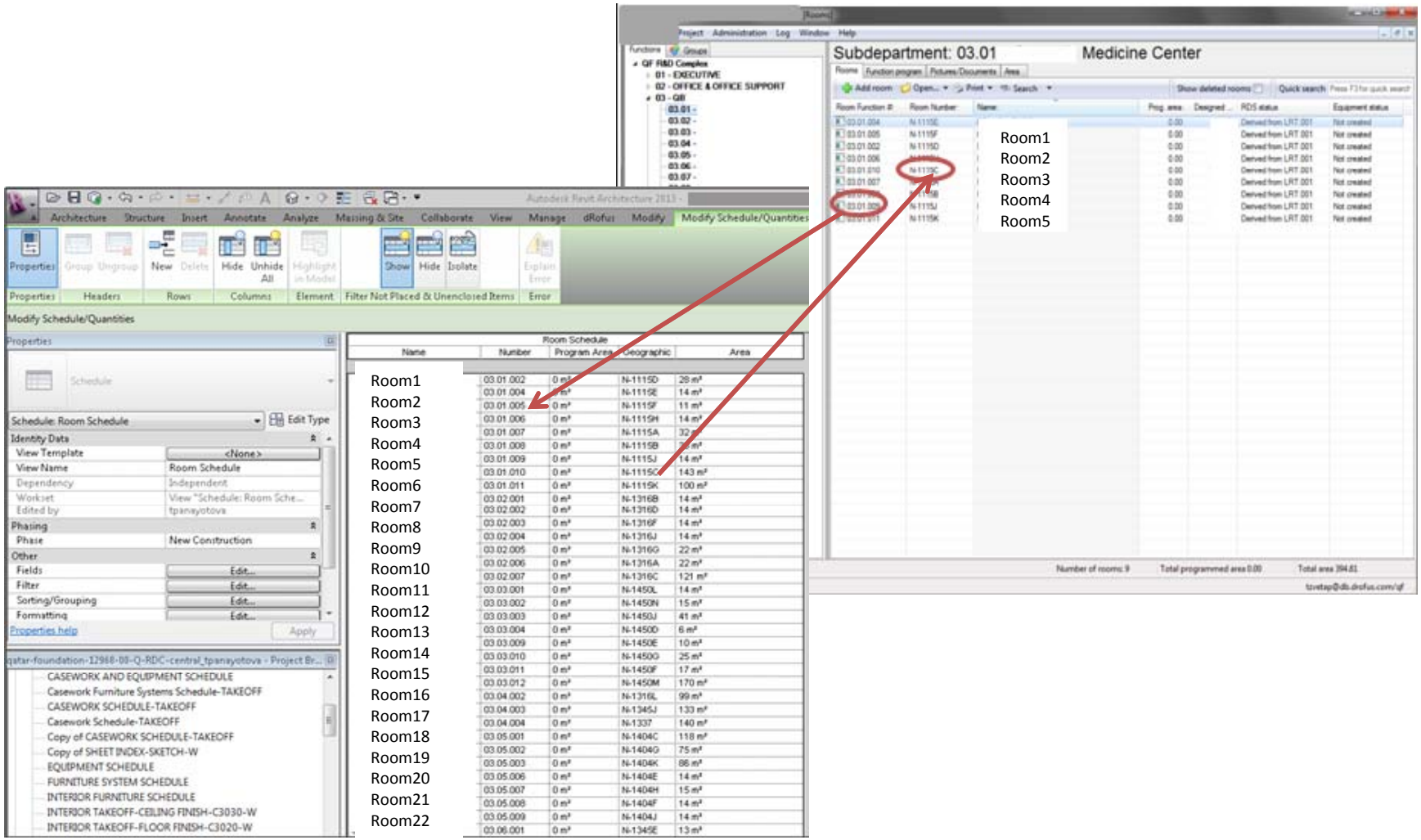
ROOM – PROJECT DYNAMIC



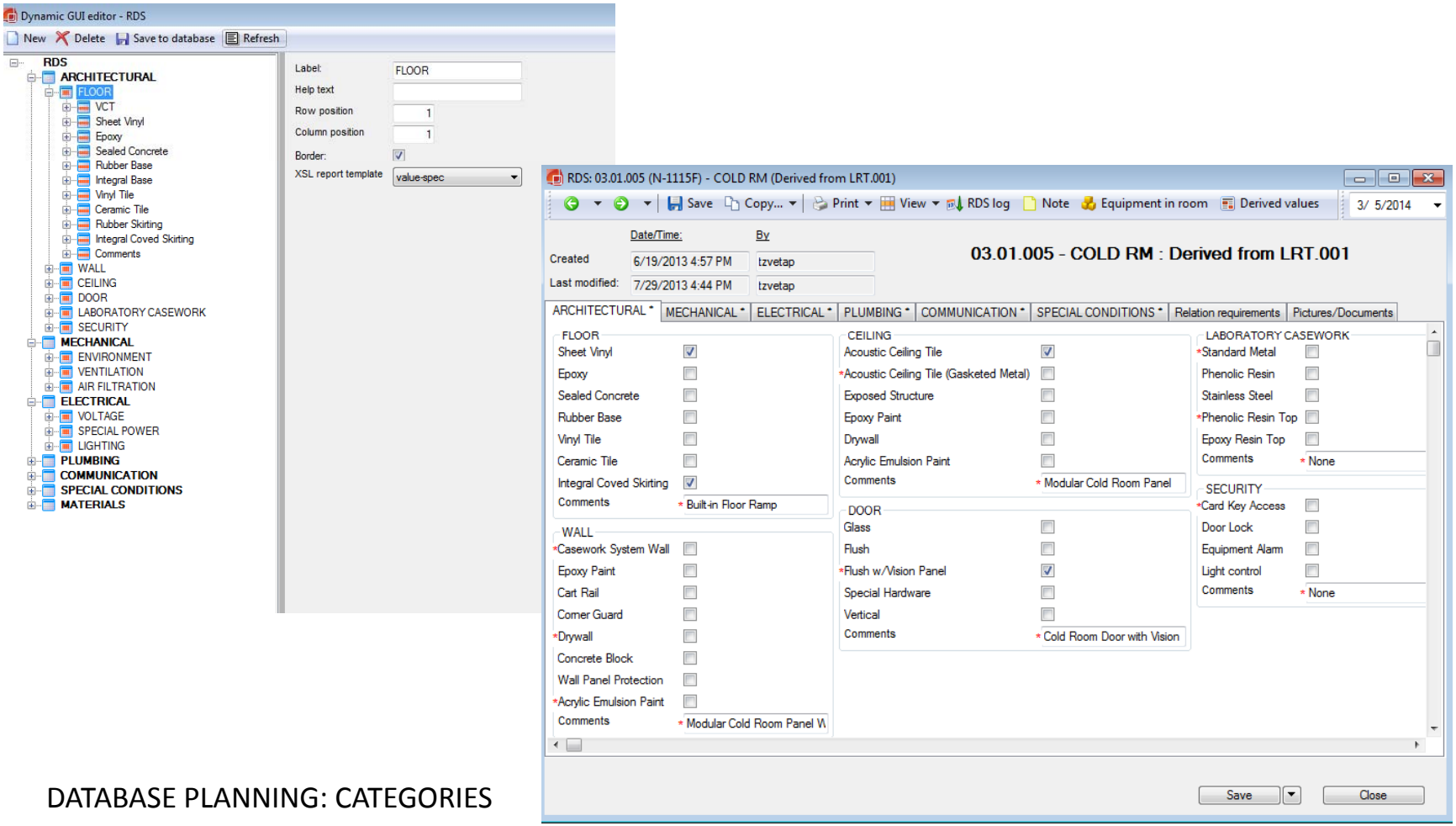
DIRECTION OF INFORMATION EXCHANGE



PROJECT INFORMATION LINKS

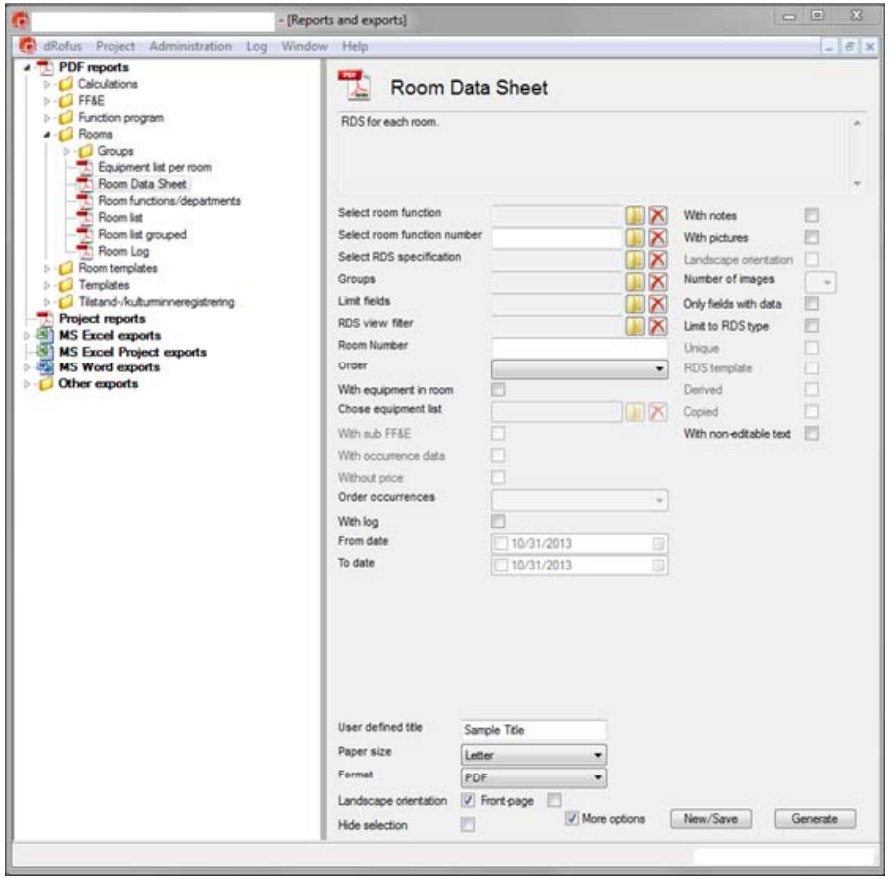


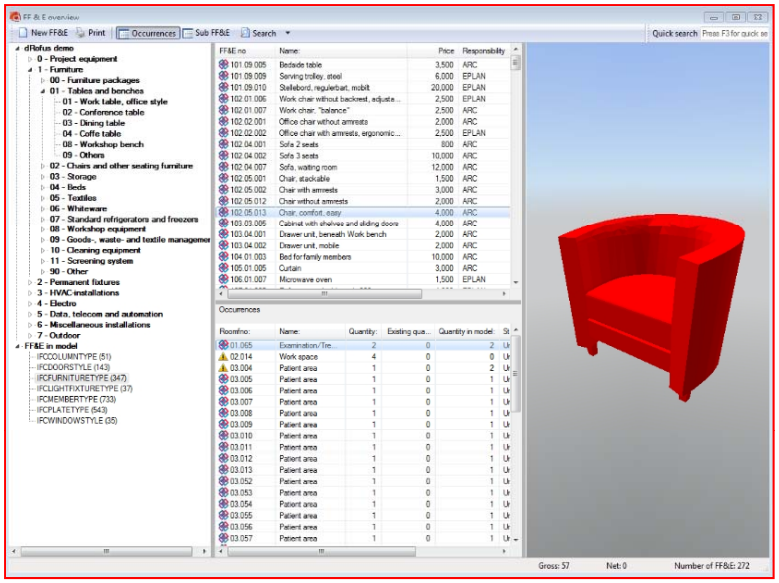
ROOM – LINKED LOCATED DATA



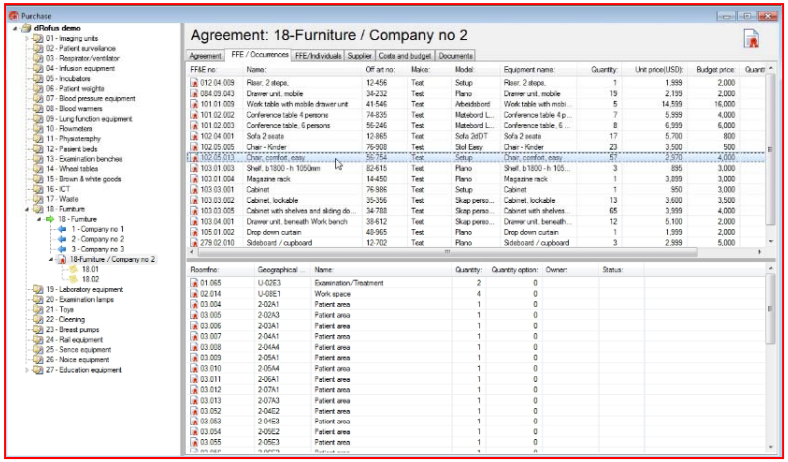
DATABASE PLANNING: CATEGORIES

PROJECT REPORTS



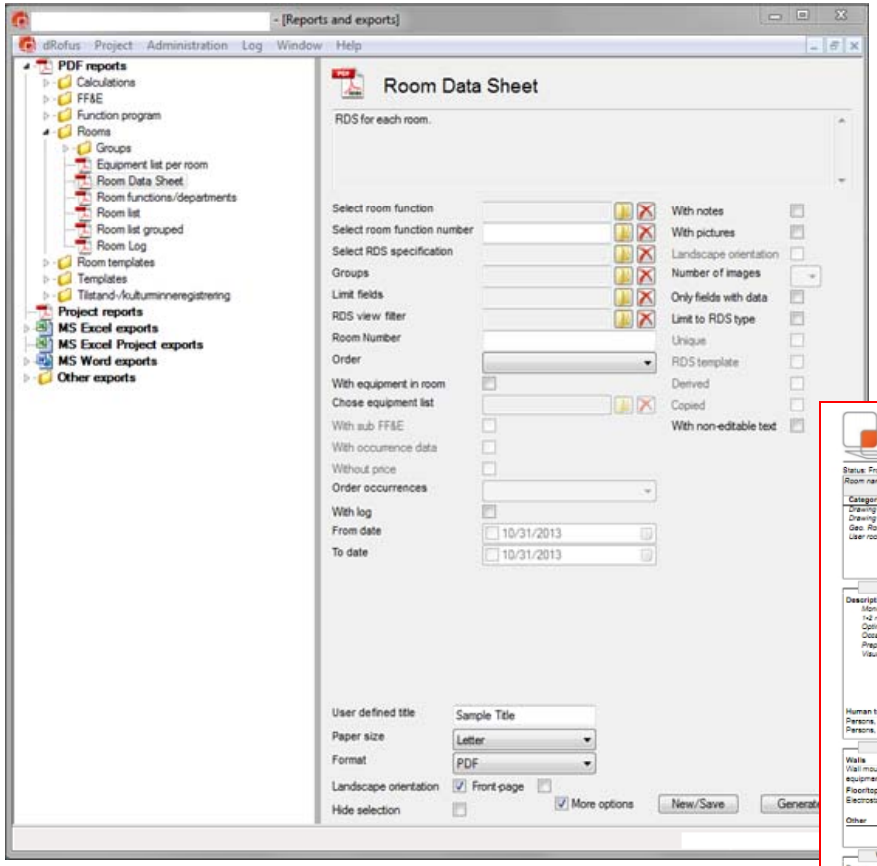


FF&E

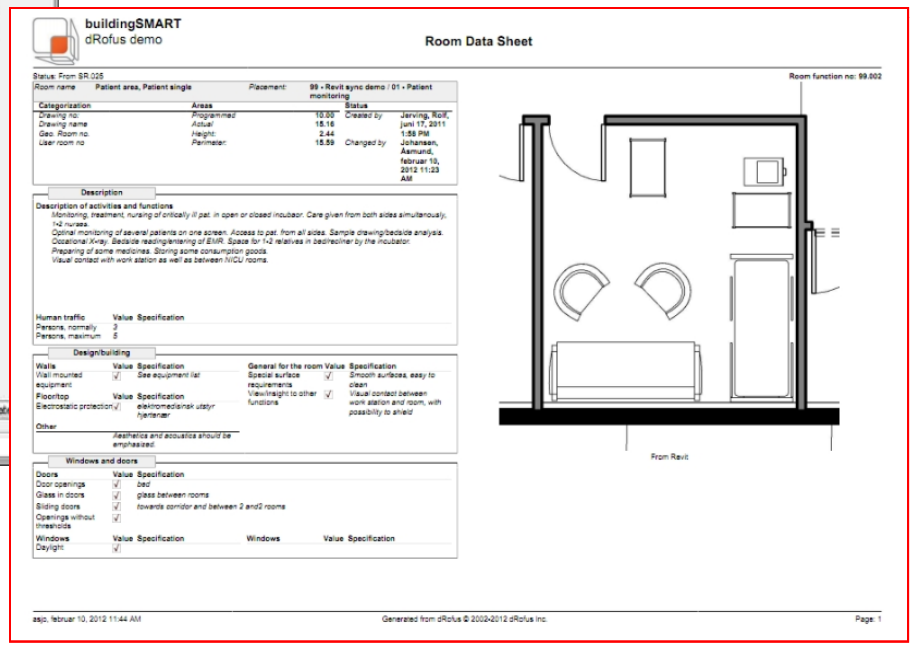


PROCUREMENT

PROJECT REPORTS



- FORMAT
- GRAPHICS
- CONTENT
- PACKAGING
- CONSISTENCY



RDS SAMPLE REPORT

QUESTIONS