

Dashboard Technical Specifications -- SaaS

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Introduction

The Dolcera Dashboard is a web application for managing and organizing patents, product information, and scientific literature. This application is used for a variety of purposes including patent review/clearance, and by different enterprise users including attorneys, licensing professionals, engineers, and executives.

Use Cases

The typical use cases for the Dolcera Dashboard are as follows:

1. Freedom-to-practice or clearance search
2. Patent portfolio analysis
3. Competitive intelligence
4. Patent landscaping
5. Patent-to-product mapping
6. Patent-to-standard mapping

User Communities

The typical users of the Dolcera Dashboard include:

1. Patent attorneys
2. Patent managers
3. Patent searchers
4. Engineers, scientists and inventors
5. Licensing and business development professionals
6. Senior executives

What is the Dolcera Dashboard?

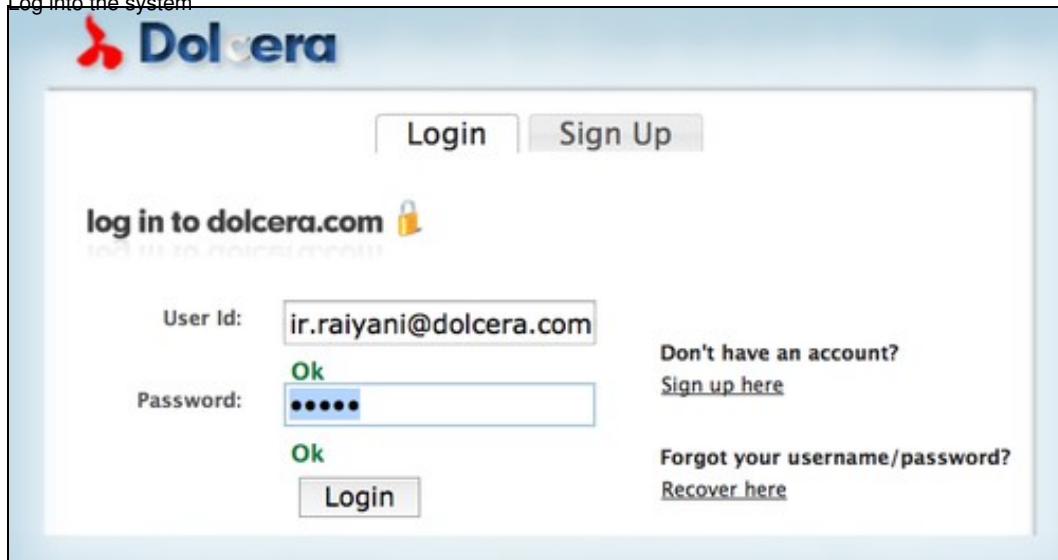
The Dolcera Dashboard is an interactive web application used to:

1. Organize large quantities of patent, scientific and product literature
2. Manage patent review workflows
3. Assist in collaboration with colleagues and partners around the world
4. Help technology teams, patent counsels, and key decision makers in monitoring the competitive landscaping and finding key partners

Workflow

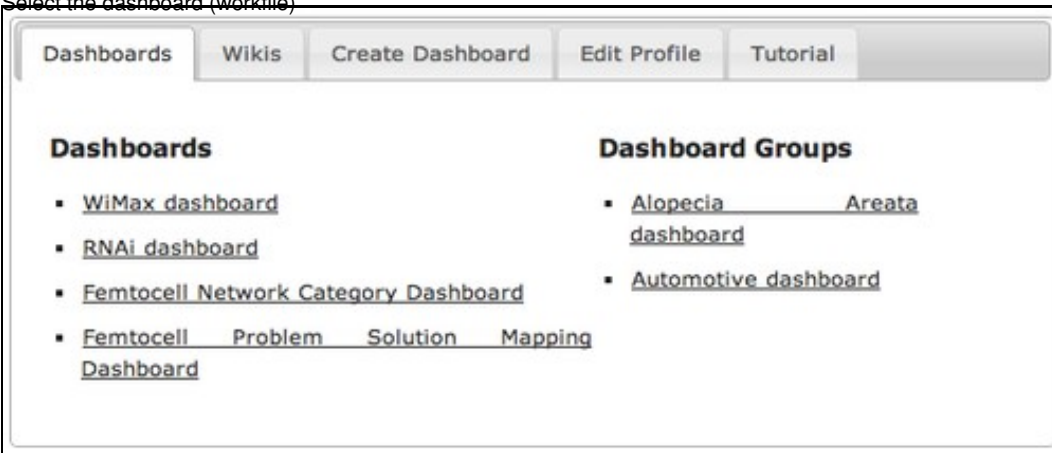
A typical workflow is described below:

1. Log into the system



Login screen

2. Select the dashboard (workfile)

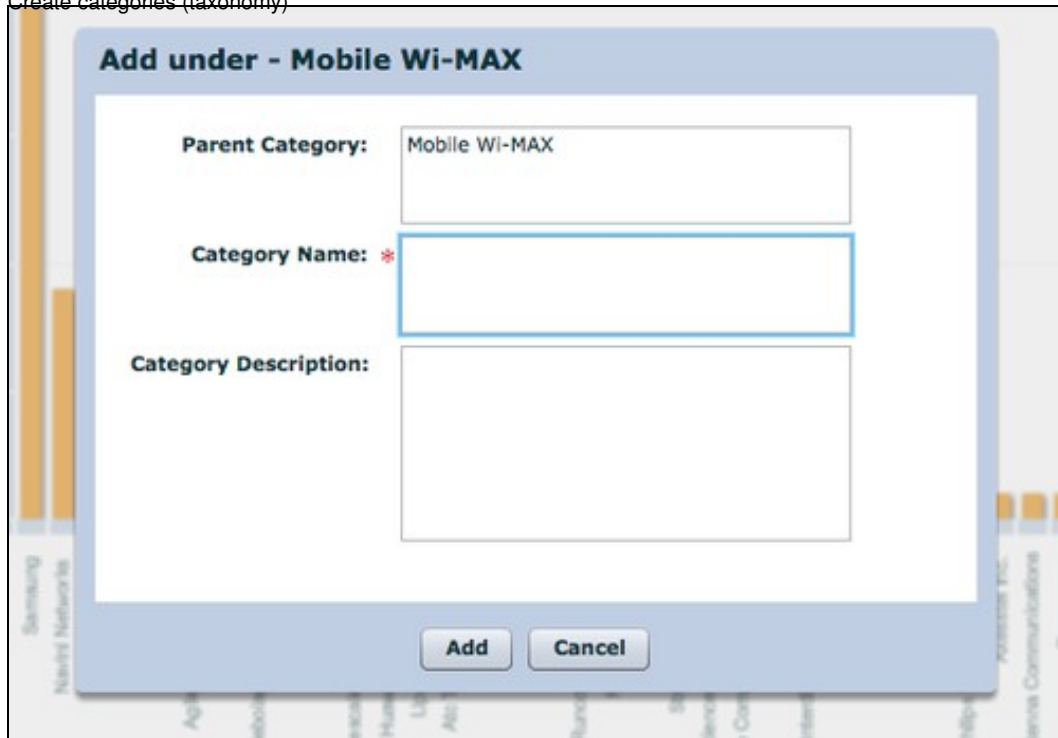


The screenshot shows a web application interface with a top navigation bar containing tabs: 'Dashboards', 'Wikis', 'Create Dashboard', 'Edit Profile', and 'Tutorial'. The 'Dashboards' tab is active. Below the navigation bar, there are two columns. The left column is titled 'Dashboards' and contains a list of links: 'WiMax dashboard', 'RNAi dashboard', 'Femtocell Network Category Dashboard', and 'Femtocell Problem Solution Mapping Dashboard'. The right column is titled 'Dashboard Groups' and contains a list of links: 'Alopecia Areat dashboard' and 'Automotive dashboard'.



Select dashboard

3. Create categories (taxonomy)



The screenshot shows a form titled 'Add under - Mobile Wi-MAX'. The form has three fields: 'Parent Category' with the value 'Mobile Wi-MAX', 'Category Name' with a red asterisk icon, and 'Category Description'. At the bottom of the form are two buttons: 'Add' and 'Cancel'. The form is overlaid on a background that appears to be a list of items, with some items visible on the left and right edges.



Add taxonomy categories

4. Add patents

Add patents by Pub Num:

US4567890
 US20070155431
 US20070206688
 WO2007098977
 US20070183522

Lookup

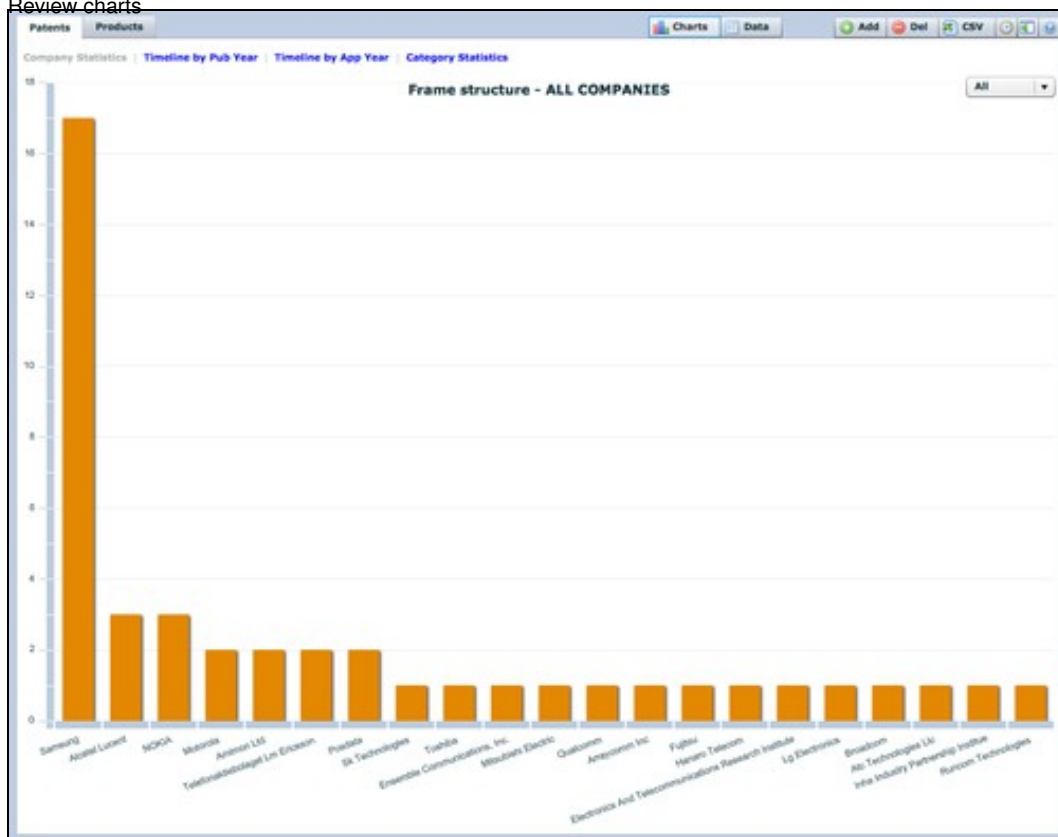
| <input type="checkbox"/> | Pub Num | Title | Assignee |
|--------------------------|-----------------|-------------------------------|----------------------------|
| <input type="checkbox"/> | US4567890A | Pair of bipolar diathermy for | (No Company) |
| <input type="checkbox"/> | US20070155431A1 | METHOD OF SEMIDYNAMIC | ALCATEL LUCENT |
| <input type="checkbox"/> | US20070206688A1 | METHOD FOR PERFORMING | ALCATEL LUCENT |
| <input type="checkbox"/> | WO2007098977A1 | METHOD FOR PERFORMING | ALCATEL LUCENT |
| <input type="checkbox"/> | US20070183522A1 | Measuring interference and | BECEEM COMMUNICATIONS INC. |
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Add Selected **Clear All** **Cancel**



Add patents

5. Review charts



Review charts

6. Review patents

| Publication | Title | Assignee | Pub | App | R |
|-----------------|-----------------------------------------------------------------------------------------------------------|-----------------|------|------|---|
| US20070155431A1 | Method of semidynamic centralized interference coordination for cellular systems | Alcatel Lucent | 2007 | 2007 | |
| US20070206688A1 | Method for performing active cancellation of inter-cell interference in a cellular wireless access system | Alcatel Lucent | 2007 | 2007 | |
| WO2007098977A1 | Method for performing resource allocation in a radio communication system | Alcatel Lucent | 2007 | 2007 | |
| US20070171304A1 | Method and apparatus for using the video blanking period for the maintenance of a modem that is used | Amimon Ltd. | 2007 | 2007 | |
| US20070133496A1 | Resource allocation in a wireless network | Arraycomm Inc | 2007 | 2007 | |
| WO2007084682A1 | Systems and methods for forward link closed loop beamforming | Atc Technolog | 2007 | 2007 | |
| US20070183522A1 | Measuring interference and noise power using non-content burst periods | Beceem Comm | 2007 | 2007 | |
| US20070140209A1 | Methods for the synchronization of multiple base stations in a wireless communication system | Broadcom Cor | 2007 | 2007 | |
| US20070133386A1 | Downlink signal configuring method and device in mobile communication system, and synchronization | Electronics And | 2007 | 2003 | |
| US20070133481A1 | Framing for an adaptive modulation communication system | Ensemble Com | 2007 | 2007 | |
| US20070173198A1 | Method and system for allocating resource in a communication system | Fujitsu Limited | 2007 | 2007 | |
| US20070177627A1 | Processors for network communications | Fujitsu Limited | 2007 | 2007 | |
| US20070189047A1 | Power control method for uplink in mobile communication and apparatus thereof | Hanaro Telecon | 2007 | 2007 | |
| US20070207737A1 | Explicit outband signaling method in a wireless network supporting cognitive radio technology | Inha Industry I | 2007 | 2007 | |

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| US20070155431A1 METHOD OF SEMIDYNAMIC CENTRALIZED INTERFERENCE COORDINATION FOR CELLULAR SYSTEMS Priority Date (y-m-d): 2006-01-05 First Inventor: MUNZNER ROLAND DE US Class (primary): 455560 IPC Class (primary): H04B00138 Abstract: A radio access network, wherein the RAN comprises a plurality of base stations and a base station controller, wherein the BSC allocates radio resources (space, time, frequency, energy) of a resource domain, and wherein each base station may handle within a corresponding base station area a plurality of subscriber stations, is characterized in that each base station area is statically divided into a plurality of spatial subsectors, that a subset of the time-frequency domain of the resource | Claims: 1. Method for operating a radio access network, wherein the RAN comprises a plurality of base stations and a base station controller, wherein the base station controller allocates radio resources (space, time, frequency, energy) of a resource domain, and wherein each base station may handle within a corresponding base station area a plurality of subscriber stations, wherein each base station area is statically divided into a plurality of spatial subsectors, that a subset of the time-frequency domain of the resource domain is allocated to each of the subsectors, that the base stations collect traffic information for each subsector belonging to their respective base station area, the traffic information comprising interference conflict scenarios and traffic load, that the base stations summarize the traffic information for each subsector belonging to their respective base station area, that the base stations provide the base station controller with said summarized traffic information for each subsector belonging to their respective base station area regularly, in particular periodically, that the base station controller analyses the summarized traffic information for each subsector and re-allocates subsets of the time-frequency domain to the subsectors regularly, in particular periodically, in |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



Review patents

7. Search patents

Data Filters

- Mobile Wi-MAX (265)
 - Connectivity (34)
 - Router/Gateway (25)
 - Base station (55)
 - Subscriber station (37)
 - Chipset (19)
- Protocol (96)
 - Frame structure (45)
 - Frame (20)



Search patents

8. Tag patents

Tags:



Tag patents

9. Add review notes for patents

Notes:



Patent notes

10. Export patents and analysis

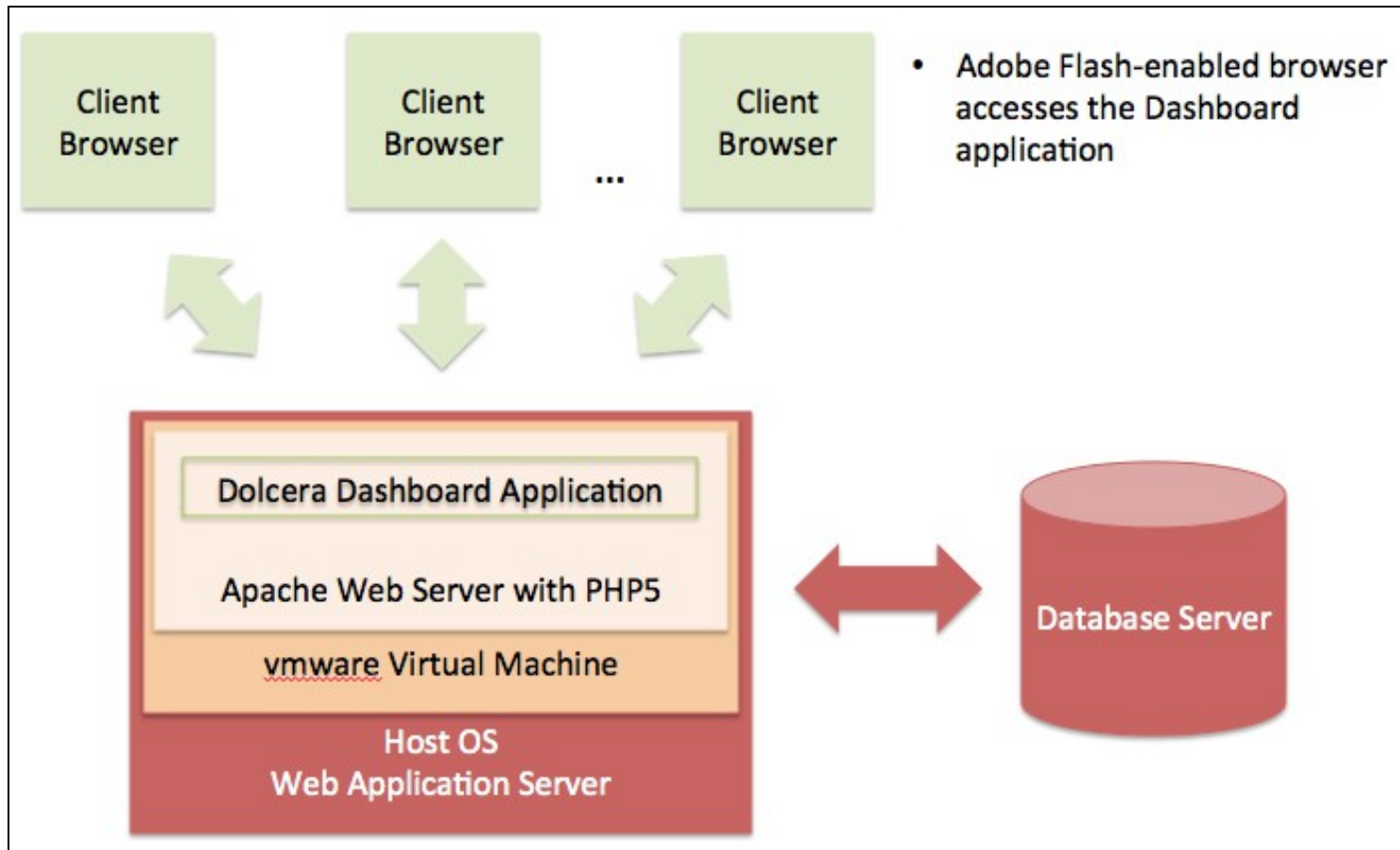
Add Del CSV

| Assignee | Pub | App | R |
|--------------|------|------|---|
| Broadcom Cor | 2007 | 2007 | |

Export Data



Deployment Architecture



Dolcera Dashboard Deployment Architecture

Software-as-a-Service (SaaS) Environment

The Dolcera Dashboard service is made available as an online service (SaaS) to the users. The users log into the application through their web browser, and can use the application online.

Security Controls

Dolcera has extensive security controls in place to protect client confidential information and to share the results of Dolcera's research and analysis in a secure manner with our clients.

The Dolcera IT team has implemented secure procedures at its facilities in the US and India, and at its data centers in the US.

Authentication and Authorization

- All access to client-specific information is obtained after authentication via a username and password
- Client users who require access to data and systems at Dolcera must be authorized by the Dolcera account management team in consultation with the appropriate client management.
- Only those Dolcera team members who are directly involved with a particular client are authorized to access client-related data.
- Dolcera regularly reviews and updates the authorizations of team members as appropriate, based on their work assignments.
- Infrastructure logs and audit trails contain information about security-related events including logins, IP address, date and time of access.

Physical Security

- US data center facilities are protected by the highest level of physical and biometric access controls.

Redundancy

- Dolcera systems have several levels of redundancy, including multiple servers, multiple storage and backup solutions, multiple network connections and multiple levels of physical and data security.

Data Backups

- Data is backed up on a nightly basis or in real time as appropriate, and is securely synchronized to the Dolcera servers located in the US data center.

Intrusion Detection

- Intrusion detection systems have been installed on Dolcera servers and are monitored by the Dolcera team.

Disaster Recovery

- Dolcera has a disaster recovery plan and the necessary technology and systems (including data backups and alternative designated work sites) to implement the disaster recovery procedures in case of need.