

## Appendix C Comparison of the portals with regard to the interface requirements

	VUFind <i>(tested in FINNA unless otherwise indicated)</i>	Primo	EBSCO Discovery	Summon	WorldCat local	Google Scholar
<b>Search (requirement 10)</b>						
Single search box	Yes	Yes	Yes	Yes	Yes	Yes
Advanced search option	Yes	Yes	Yes	Yes	Yes	Yes
Languages of the interfaces	3 languages; VuFind offers more languages	Many	many	Many	Many	Many
Spelling suggestions (did you mean?)	Spelling suggestion via search alternatives	Yes	Yes	Yes	Yes	Yes
Non-English language support ( <b>requirement 11</b> ): Spelling suggestions Search term translator from non-English language to English Sorting option on language	no	Yes, see text	Yes, sorting on language	Yes <sup>i</sup>	Yes, spelling suggestions	Yes, spelling suggestions in French No search term translator (but Google Translator is other Google service) Yes, sorting option on language available; also limitation to search in French language possible
Mobile interface	a mobile interface for VuFind is planned for 2013	Yes	Yes	Yes	Yes	Yes
<b>Recommender options (requirement 12)</b>						
Recommender functions	VuFind offers a 'more like this' function, that is implemented by Suchkiste.	bX recommender function (based on logs of SFX)  bX Hot article service: what topics and articles		Other recommender functions, but not for articles <sup>ii</sup>	In development based on BibTip integration which has been collecting data for approximately 2 years	Yes

		currently are most viewed in this field				
<b>Presentation of the results (requirement 13)</b>						
Relevancy ranking	Yes	Yes	Yes	Yes	Yes	Yes
Faceted navigating/search refinement options	Yes	Yes, including filter for peer-reviewed items	Yes	Yes	Yes	Yes
<b>Export options (requirement 14)</b>						
EndNote (RIS format)		Yes	Yes	Yes	Yes	Yes
Plain text			Yes			
Structured format						
Csv						
Other:	VuFind claims the following: 'The user has the ability to save the resources from both the search results page and from the record view page to their own customizable lists. The lists can be retrieved at any time and will always be there for the user. This helps to eliminate the need for desktop based citation management software'	e-mail, RefWorks, Connotea, del.icio.us; other options, such as saving in various formats (ALA, MLA, Chicago, etc.) are available through seamless integration with SFX. Plug in architecture allows independent development of additional export options by the customer	XML; BibTex; MARC21; RefWorks	RefWorks; EndNote; BibTex; also 6 formatting options available (APA, AMA, MLA, Uniform; Chicago/Turabian: Author-Date; Harvard	RefWorks, EndNote, Easy Bib with formatting in 5 options, APA, Chicago, Turabian, Harvard and MLA. Citations can also be exported as HTML, Rich Text Format or RIS.	BibTex, RefWorks, RefMan and APA, MLA and Chicago formats Google Scholar will be adding several styles including Z44-005 and other styles related to ISO 960 within a month
<b>Sorting options (requirement 15)</b>						
Publication date	Yes	Yes	Yes	Yes	Yes	Yes
Author	Yes	Yes		Yes, when restricting to OPAC only, or	Yes	No

				books/ebooks		
Source title	No	Yes		No	Yes	No
Relevance	Yes	Yes	Yes	Yes	Yes	Yes (citation count is a significant component in the relevance ranking)
Number of citations	No			No, but number of citations used in the relevance sorting	No	
Language	No	By facet		By facet	By facet	By facet
Other:		Date Popularity		Peer-reviewed items only (based on the Ulrich database), scholarly/academic only (based on Ulrichs)	Library and relevance combined Full-text items (as facet) Peer reviewed (as facet)	patents
<b>User accounts (requirement 16)</b>						
Save results	Yes (VuFind offers this; not implemented in FINNA)	Yes	Yes	Yes	Yes	No
Save searches	Yes	Yes	Yes	No	Yes	No
Alert services	Yes (RSS feed)	Yes	Yes	Yes, through RSS service.		Yes
other		Presenting the user's library card and other customized choices including discipline and degree that can be used for personalized ranking				to set up citation score for own publications
<b>Social features (requirement 17)</b>						
Sharing results	Yes	Yes	Yes	Yes, can be linked and shared on social networking sites (all links are permalinks)	Yes	No, but this is on the roadmap

User tagging	Yes; also comments possible	Yes	In development	No	Yes	No
<b>Other items:</b>						
Usage statistics		Yes, via SFX Ustat, also Primo back-office reports	Yes	Yes, via 360 Core	Yes, via Adobe SiteCatalyst. OCLC also provides COUNTER reports	No
Local authentication required to view some search results	no	No (depending on the information provider; some providers require authentication. However the great majority is searchable without authentication)	Yes	no	Yes only if databases are chosen that require authentication. Most databases do not require authentication but a few providers require pre-search authentication.	No

This comparison table is filled out on the basis of:

- The Charleston Advisor; April 2010; Web-Scale Discovery: a Review of Summon, EBSCO Discovery Service, and WorldCat Local; Ronda Rowe ; date of review: June 10, 2010
- The Charleston Advisor; April 2011; Encore Synergy, Primo Central - Web-Scale Discovery: a Review of Two Products on the market; Ronda Rowe ; date of review: February 15, 2011
- Summon implementation at the technical University Eindhoven; tested 12-12-2012
- WorldCat Local at the University of Tilburg; tested 12-12-2012
- Primo at KU Leuven; tested 12-12-2012
- EBSCO Demo version at University of Virginia; tested 12-12-2012
- Google Scholar, tested on 17-12-2012
- Additional information from Serial Solutions, EBSCO, OCLC, Ex Libris and Google Scholar

---

<sup>i</sup> Summon can offer correct spelling in English, French, dutch, german, Japanese. Summon can also pluralise words in other languages, or treat compound words (such as appear in German.) Hence a search for **bahn strasse** would find “Strassenbahn” as well as “Straßenbahn.” This is called natice language searching, and works in english, german, French, Spanish, Italian, Japanese, Dutch, Arabic, Norweigan, Danish, Swedish and many other languages. The search interface can be in any language – Summon understands the relevant syntax automatically. What is more, records are searched in their particular language, meaning that Summon looks across all content in the relevant language logic applicable to each record. Summon can include or exclude any and all languages that are in the results via a language facet which shows, in decending order, the languages that have been found with the search term.

<sup>ii</sup> Summon can recommend over 400 databases automatically based on known relevant keywords, or the library’s choice of keyword (unlimited and definable easily via the backend.) additionally, Summon offers a Best Bets recommendation service, wherein a library can design their own recommender for anything, based on a search term. A search for “library opening times” can be anticipated by the library via the creation of an entry which contains the search terms as tags, then displays a customizable field which can list (in this case) the library opening times. An unlimited number of Best Bets can be made by the library. Summon also displays “related searches” at the bottom of each results page to recommend further research, and displays an auto-complete recommendation engine when users type searches into the search box, which draws anticipated results from Summon in the form of generalised search queries.