



Hidden Automatic Navigator

HAN operating concepts



HAN server at the customer's premises



Outsourcing to H+H



Cloud hosting

Subscription business model

With a HAN subscription you acquire not only the rights to use the software, but also a comprehensive service package. This contains:

- Regular updates with adjustments to current technical developments
- Telephone and email support
- Training (administrators)

For the subscription, the number of employees and registered users of a company/institution is relevant. For universities, this would be the number of students. The number of real accesses is irrelevant for the subscription.



up to 2.500



up to 15.000



up to 35.000



more than 35.000



The ideal solution for accessing e-journals and online resources

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How can

**the use of e-resources
be evaluated**

across providers?

HAN provides detailed statistics. This works across all providers, so that the total use of e-resources can be analyzed at any time. HAN also enables the verification of license agreements by analyzing parallel accesses (cost analysis). By tracking access by different groups, you get detailed insights into how often and in what manner they use the services.

How can

**e-resources
be integrated**

into library systems?



HAN adapts to the existing library system. Its interfaces integrate seamlessly into existing structures. Depending on the library access options already provided, end users can either access the e-resources via the integrated HAN A-Z list or via existing interface such as OPAC, Discovery Services, EZB (EJL) ...

How can

e-resources

be managed?



HAN offers the possibility to manage all online resources centrally in one program. The modern user interface allows online resources to be provided regardless of the login type (IP-authenticated or login data) while ensuring compliance with different licensing regulations through targeted checking of permissions and simultaneous use. HAN simplifies these tasks by automatically importing and matching with existing systems.

Who can

access e-resources?



HAN provides access to online resources for authorized users only. HAN accesses existing login systems to define access rights. These are also used for differentiated provision of online resources. This ensures that only authorized users can access the online resources licensed for them, regardless of location and device.

Where can I

access e-resources

from?



HAN integrates seamlessly into existing library systems. This maintains the familiar working environment for all end users. Private devices as well as library/institution devices can be used to access the provided e-resources. Access is browser-based, regardless of the device type. An installation of additional software components is not necessary. At the same time, this ensures that only authorized users have access.

How can

**e-resources be used
in compliance with
data protection regulations?**



After setting up the data protection function, HAN automatically ensures that the collection and processing of user-related data complies with the regulations of the GDPR. Flexible settings ensure that it is not possible to trace which specific user has worked with e-resources. Nevertheless, all statistical evaluations remain unaltered. All document templates required for data protection are provided by H+H Software GmbH.

General Functions

Provide individual online databases/e-journals as individual resources with generic URLs

Assign properties (licenses, rights, etc.) at the individual-resource level ⁺

Automatic login (authentication) with provider using IP address or login data

Central management of resources in a single administrative interface (HAN E-Script Administration) ⁺

Configurable HAN A-Z list (HTML-based index) for online databases/e-journals ⁺

Access from any browser without installing client or changing computer/browser settings

- one-time set-up in HAN (server-side)
- no need for users to change how they work

Infrastructure

Microsoft Windows Server 2008 R2, 2012, 2012R2, 2016 as HAN server

HAN server works as reverse proxy in communication between user and provider

Full HTML 5 support (resources based on WebSockets can be used via HAN) **NEW**

Crawler protection against unwanted indexing of e-journals **NEW**

HAN can be administrated using any 64-bit device

Scalable system

Appropriate for data centers (local or cloud-based **NEW**)

Optimized kernel technology

Integration of Discovery Services (*EDS, Primo, Summon, VuFind, Lukida and others*)

Integration of Linksolver (*SFX, Ovid, Linksolver of EDS and others*)

Authentication and authorization

Authenticate users via existing library systems (*Aleph/ALMA, PICA, SISIS, VTLS/Chamo, Horizon, KOHA, ADIS, ...*) or logins (e.g. *LDAP, databases with ODBC interfaces or Shibboleth*) ⁺

Multiple interfaces to login systems can be defined

(e.g. for access from the library via IP authenticate and for access from home using user authentication and the library system)

Cascade the defined login systems

(data verified against login systems in a defined sequence)

Optional reading of additional attributes depending on defined login systems and to use these as environmental variables

Define individual rights based on location (IP addresses or DNS names), LDAP memberships, or environmental variables

Authentication via client certificates **NEW**

Resource management

Central administration of all resources in HAN E-Script Administration

Spreadsheet display of managed resources (export as CSV file) **NEW**

Set up user-defined queries using properties of an HAN online resource (HAN e-script)

Option to limit and monitor simultaneous use of an online resource (licenses)

Export and import of online resources (also as CSV files)

Efficient management of online resources thanks to multiple selections (e.g. to assign the same rights to all of the e-scripts of a given provider) ⁺

Metering ^{NEW}

Monitoring data transfer between provider and user either at the online-resource level or at the user level

Automatic blocking of online resources or users after meeting the data transfer threshold (24 hour period)

Automatic reporting of blockings to administrator

Log all blockings

Networking with other systems (Web API and Discovery Services)

Seamless integration into EZB (Electronic Journal Library of Regensburg) e-journal services:

- automatic import
- update and comparison of online resources managed in the EZB

Providing web interfaces to integrate HAN into existing environments. Decide whether responses are sent as URL redirects, JSON objects, or HTML templates ^{NEW}

- interface for assigning a full-text URL to an existing HAN resource
- interface that sends supplemental information about an existing HAN resource such as rights, licenses (available and currently in use), etc.
- interface to check whether a HAN resource (e-script) already exists for a full-text URL; if not, it is created. The user is then forwarded to the full-text URL via HAN.

Smart link-out from meta search-engines (e.g. Google Scholar) to external resources, if a corresponding HAN e-script is found ^{NEW}

Role-based administration ^{NEW}

Secure role-based administration of HAN resources:

- Unrestricted server administration (HAN administrator)
- User administration to set up and manage administrative accounts
- Technicians only have access to the event log on the HAN server
- E-script administration
- Statistician

Providing the HAN client Administrators do not have to work directly on the HAN server to administrate online resources

Providing separate administrative accounts in HAN User Administration or using existing Windows accounts (through user SID, regardless of domain memberships)

Configurable, automatic login to the HAN server at client start

Statistics

Central, web-based, cross-provider analysis of usage statistics for all online resources managed in HAN

Calculate cross-tables

(e.g. breaking down annual online resource usage by month)

Calculate the parallel use of online resources per day

COUNTER-compatible full-text analysis

Export of data as CSV files

Define HAN environment variable as cost center
(automatic totaling of usage based on variables)

Define data groups (users, stations, or IDs) with automatic totaling

Store defined calculation bases for future use

Freely defined calculation bases (users, stations, or IDs)



Hidden Automatic Navigator

by H+H Software GmbH

**The ideal solution for accessing
e-journals and online resources**



How can
e-resources

be managed?

**Automatic
import & comparison**

with existing systems

Provision

**regardless of the
login type**

central management

in one program

**Monitoring
of data volume**

possible

Control of

**access limitation
by license agreement**

How can
e-resources
be integrated
into library systems?



Integration
via the HAN A-Z list

Interface
such as EZB EJL) or
ExLibris ALMA

Integration

via Web-API into OPAC
or Discovery Services



Who can
access e-resources?

Adopt

criteria for
differentiated provision

Authentication

against local
library systems

Access to resources

possible regardless
of location



Where can I

access e-resources

from?

External access

with user

authentication possible

Browser-based access,
no client installation,

platform-independent

Seamless integration
into existing systems,

familiar working environment





How can

**the use of e-resources
be evaluated**

across providers?

Cross-provider
**statistics for
total usage**

Analysis of
**parallel accesses
of resources**

Individual
**evaluation according
to user groups or meta data**

Full text analysis

According to COUNTER

How can
e-resources be used



in compliance with
data protection regulations?

processing

User-related data

According to GDPR

Integrated

data protection function

**Administration manual and
procedural documentation**

Anonymization

of user-related data

are provided



How can
requirements of
content providers
be implemented?



Protection against
misuse via systematic
download

Filters against
illegal access
via piracy platforms
(i. E. SciHUB)

Differentiated provision
of e-resources for different
Institutions with only one gateway

A young woman with long dark hair, wearing a plaid shirt, is sitting at a desk and looking at a laptop screen. A young man with dark hair, wearing a grey sweater, is leaning over her shoulder, looking at the same screen. The background is a library or study area with bookshelves. The image is dimly lit, with a dark overlay.

**Hidden Automatic Navigator has
the right answer to all your questions**

www.hh-han.com