What is it?

IntelliSearch Engine is a .Net NuGet package that you install into your application. Then use it as you would use an embedded database. You decide when and where to add or remove searchable content.

The Powerhouse Search - in your .Net-application

INTELLISEARCH ENGINE

Building a strong internal search into a .Net application has always been cumbersome. In the past, this has tended to involve SQL search or even a Java open source solution, with separate instances, processes and crawlers. Adding security to the equation also meant you needed to write a lot of extra code yourself on top of the core search-solution. None of these options are good, practical or tempting. We have acknowledged this problem, so without further ado – say hello to **IntelliSearch Engine!**

Perfect for developers

With IntelliSearch Engine, the developers will have search included and available when they're developing an application. With the other mentioned alternatives, search has always been something that was "added for the customer after delivery" – as a layer on top of the application.

They will see additional areas of use, like smart and easy autocomplete for fields, workflow helpers where end-users are given pointers to similar or related items via a backend search, mini-searches in context-specific areas, or a plain old search interface with improved user experience.

The search functionality will be quality assured implicitly via the developers' own use, which will not only improve the quality of this feature, but also, more importantly, make sure that the developers understand the customers' needs better. The search experience will also automatically be available during test and staging and thus allow any potential issues to be discovered as early as possible. Finally, but not the least, you can optimize the user experience based on your application through the Engine API using features like grouping (parent/child relationships), filter panels and more.

In short, with IntelliSearch Engine the developers will be able to implement the best search experience possible for your application's end-users.

Application integration

IntelliSearch Engine is the easiest and best way to implement a truly professional search in your .Net application. No separate installer, no additional/external search setup – the search is there, instantly. In addition to the basic/traditional end-user "search", the application can now also benefit from all the included Engine features. Add autocomplete for fields and forms where the end-user can be presented with additional information via a back-end search, mini-searches in context-specific areas and more. The Engine optionally also processes inserted items with a number of available plugins, like lemmatization, synonyms, compound and composite words, number-ranges, etc. When your application content is document centric we even deliver a solution to make the documents searchable via parsers, transformers and OCR-processors.

Customize - to meet customer needs

If developers add items as .Net objects to the IntelliSearch Engine index the actual indexing can be controlled via configuration. The configuration type-fields (object properties) can be set up to indicate when and how they should be indexed. This means that each customer-specific installation will be able to easily adapt and tune the search-experience.

Scale - with your customers' needs

Start with IntelliSearch Engine in embedded mode. This is a typical scenario for developers, but also for a startup customer you deliver your application to. For some customers this might even be an adequate long-term solution.

When needed you can easily scale the solution by moving the index to a separate server:
a)   Install Engine Server where wanted
b)   Change the application configuration
c)   Copy the index data to the Engine Server

If you or your customer prefer a cloud solution instead of an on premise server, you can set it up in your own cloud – or choose the IntelliSearch Cloud option.

Scale - with your needs

The development licenses for IntelliSearch Engine are free, as are the entry-level customer indexes. So - if you are a startup you can get going without any costs or investments. As you grow, pay for larger customer indexes on a monthly basis.

Security is managed

Security is a tightly integrated part of IntelliSearch Engine. You can provide tokens for the items added and let the Engine handle security, you can skip security when not needed or manage security yourself outside the Engine. Depending on your scenario, we also provide various security-plugins that may be helpful.

Features

IntelliSearch Engine is packed with great features, designed to make your customers love the search experience. These include:
- Relevance technology – advanced vector space model with potential for additional configurations.
- Lemmatization – advanced understanding of grammar for better search results
- Compound words / Composite words
- Number ranges – find any numbers in an interval
- OCR – index and find text in pictures or in scanned pdf's

In short, IntelliSearch Engine is the smart choice because:
- It gives the end users a superior search experience within your application
- Developers will embrace the technology and way of working. Search will become as easy as working with an embedded database
- No setup for developers. No setup for customers
- Low costs, both for startups and larger companies.
- No investments
- Easy and convenient non-intrusive upscale when needed
- Easy and non-intrusive customization
- Simple installation and operation for your end-customers
- Maintains item security when desired