



Low Code Graphically Managed Backend

Business Whitepaper

*"Easy and secure management
of integrations & automations"*

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Links:

Graphically Managed Backend: [Chills](#)
Company: [Dynamic Integrations](#)

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1. CHILLS BUSINESS WHITEPAPER

Chills offers simplified data management on a Backend as a Service. Centralising integrations and controlling data flows results in reliable information. Quality information gives the business insights how markets are changing and trust to initiate organisational changes, improving your market position.

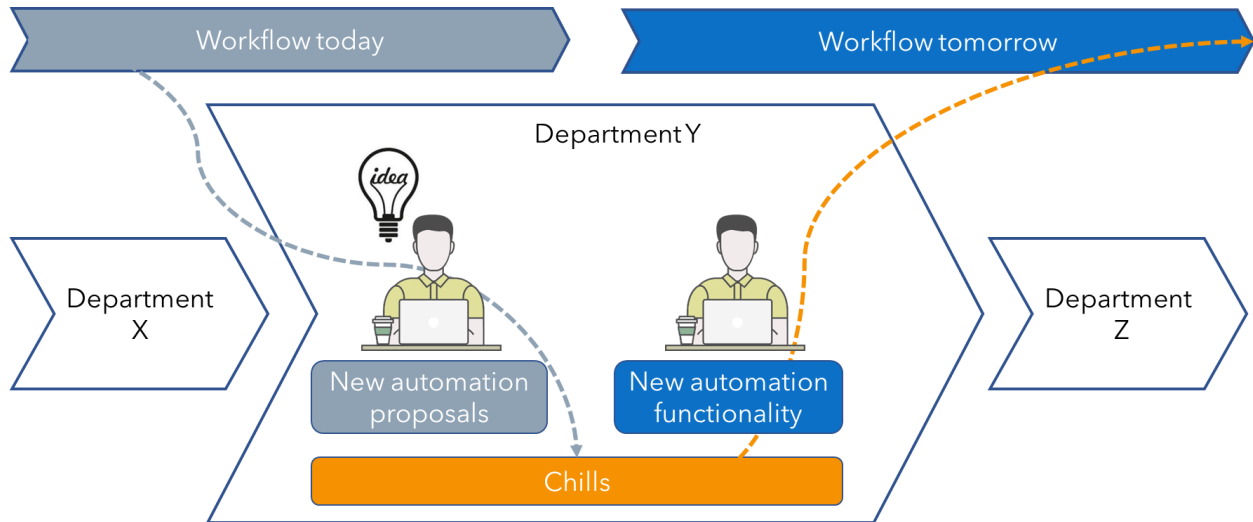


Application integrations enable organisation dataflow, the first step towards digitalisation. New low code technology simplifies these integrations, requiring limited programming skills, therefore reducing integration costs substantially. Maintenance of every individual integration is done on the Chills backend.

The backend advantages explained in this whitepaper:

- Trust between Business & IT
- Become independent
- From a fragmented to an integrated organisation
- From hard code to low code technology
- Three levels low code replacing hard code
- What is a low code backend?

2. TRUST BETWEEN BUSINESS & IT

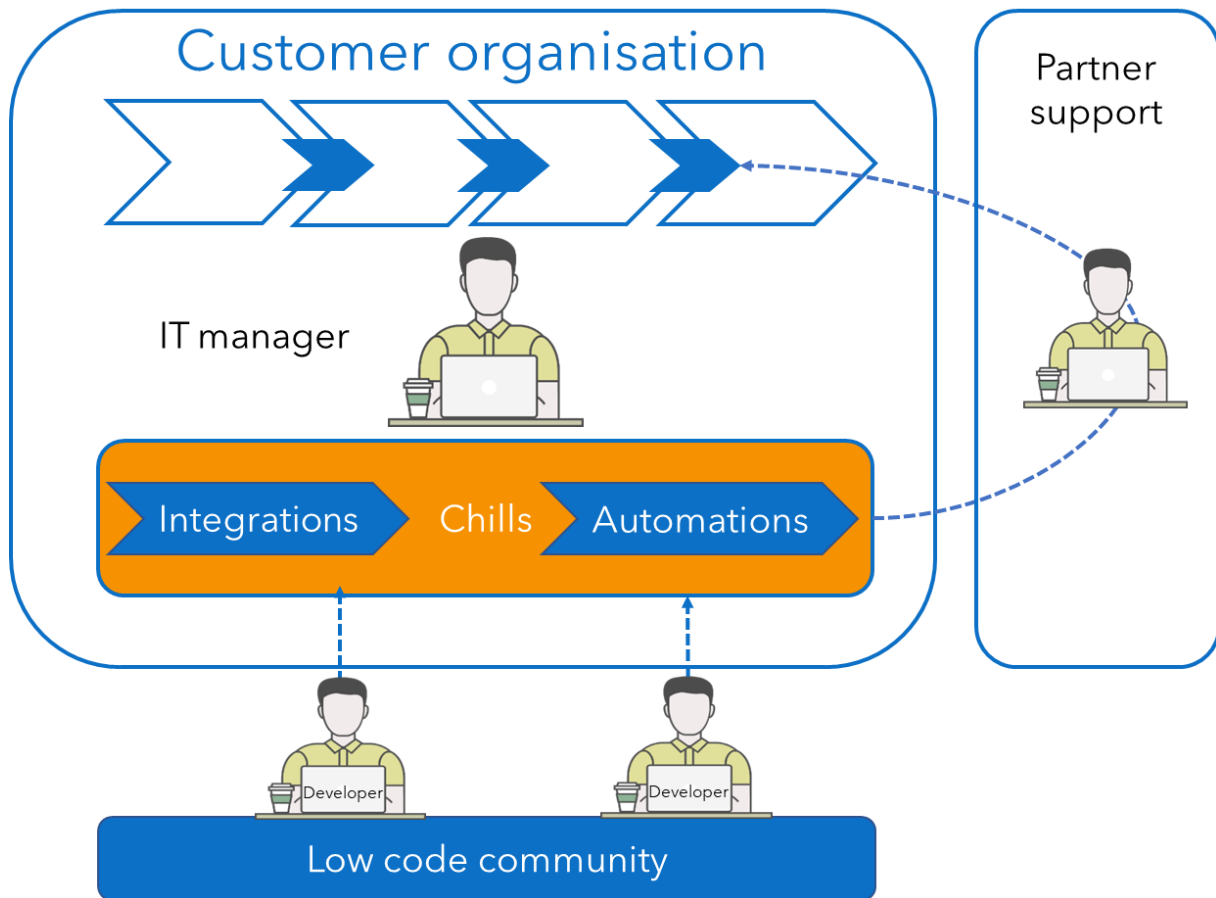


Chills enables the automation of repetitive tasks. Business proposals are implemented and released the same day. This creates a strong and trustworthy collaboration between business and IT. Building together an agile organisation strengthening the relationship with customers. The Chills backend shows a transparent overview of all integrations and visualises the data flow.

People in your organisation deliver the applications improvements. They possess business process knowledge and understand the application supporting it. The rapid implementation of improvements encourages them to make their work more efficient. This is how Chills mobilises your workforce, contributing to a more efficient organisation.

Mobilisation of people's competences is a prerequisite to shape and reshape your organisation. Chills motivates people to actively participate in organisation development. Collaboration between business and IT makes it fun and exciting responding to future challenges.

3. BECOME INDEPENDENT

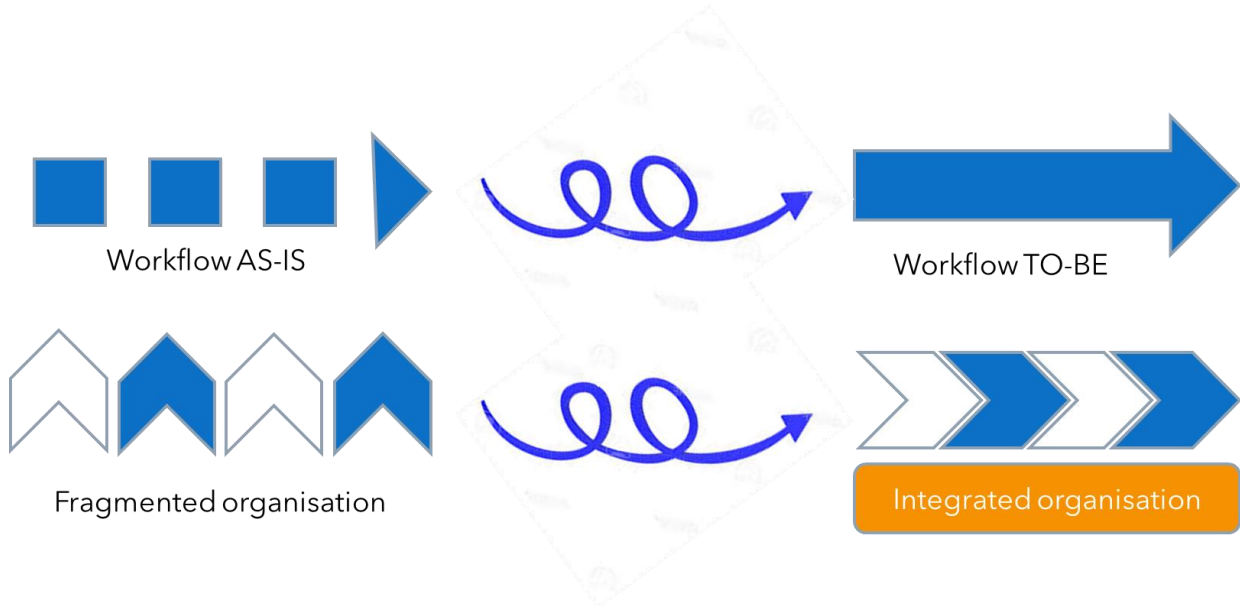


Today organisations are locked in their applications delivered by numerous providers where hard-coded changes are expensive, time consuming and have a potential high failure rate. Dependency on various software providers is not the preferred situation for organisations.

A limited technical skillset is required to operate Chills and there is no need for extensive hard code programming knowledge. This disconnects your organisation from the expensive business model of your current application/integration providers.

The Low code community builds continuously new integration and automation functionality. Customers vote on the Chills backend prioritising the “most wanted” functionality.

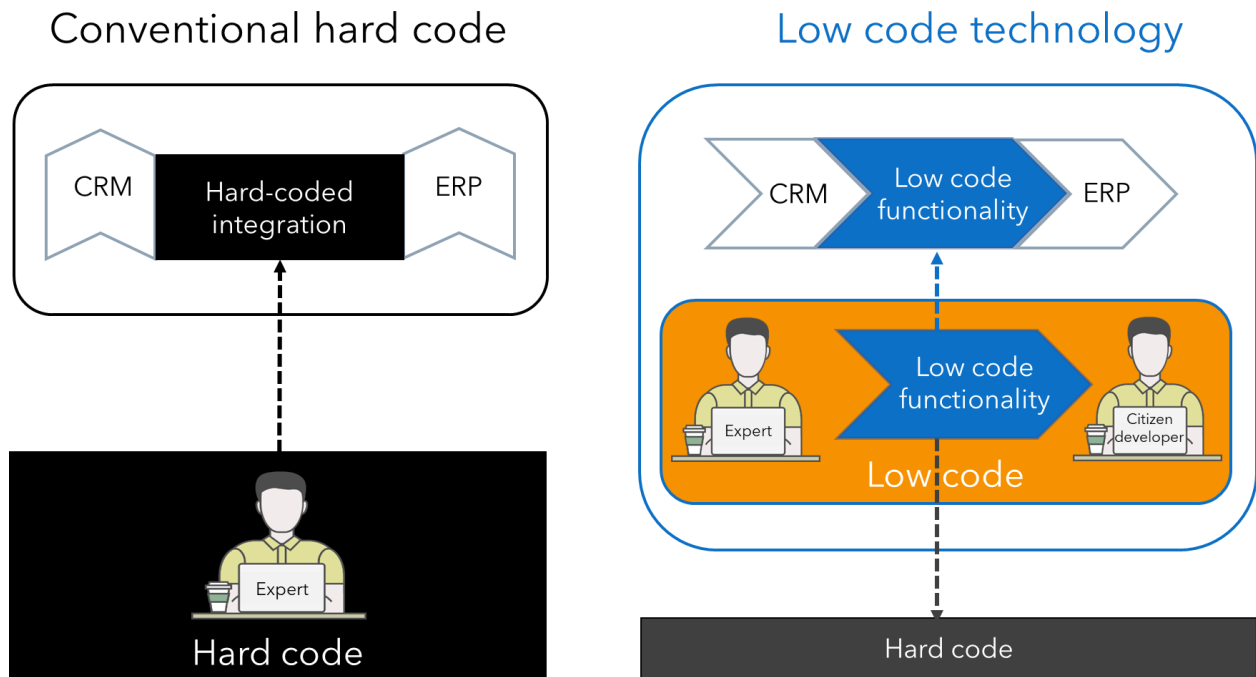
4. FROM A FRAGMENTED TO AN INTEGRATED ORGANISATION



It is difficult to predict market changes, but one thing is for sure, change will happen! Your customers are daily confronted with new possibilities in terms of product and service features and the way they are offered. The good news, you are prepared using Chills.

Prepare for uncertainty using a backend to manage your integrations. This flexibility leads to your market leadership being the preferred supplier of products and services. You build an image of a forward-looking organisation people, businesses and organisations will use as an example.

5. LOW CODE VERSUS HARD CODE TECHNOLOGY



Hard code integrations

Today most application integrations are hard coded. A hard-coded integration is often a black box for customers and inflexible. When an application, database design or business requirements change, the integration must be reprogrammed.

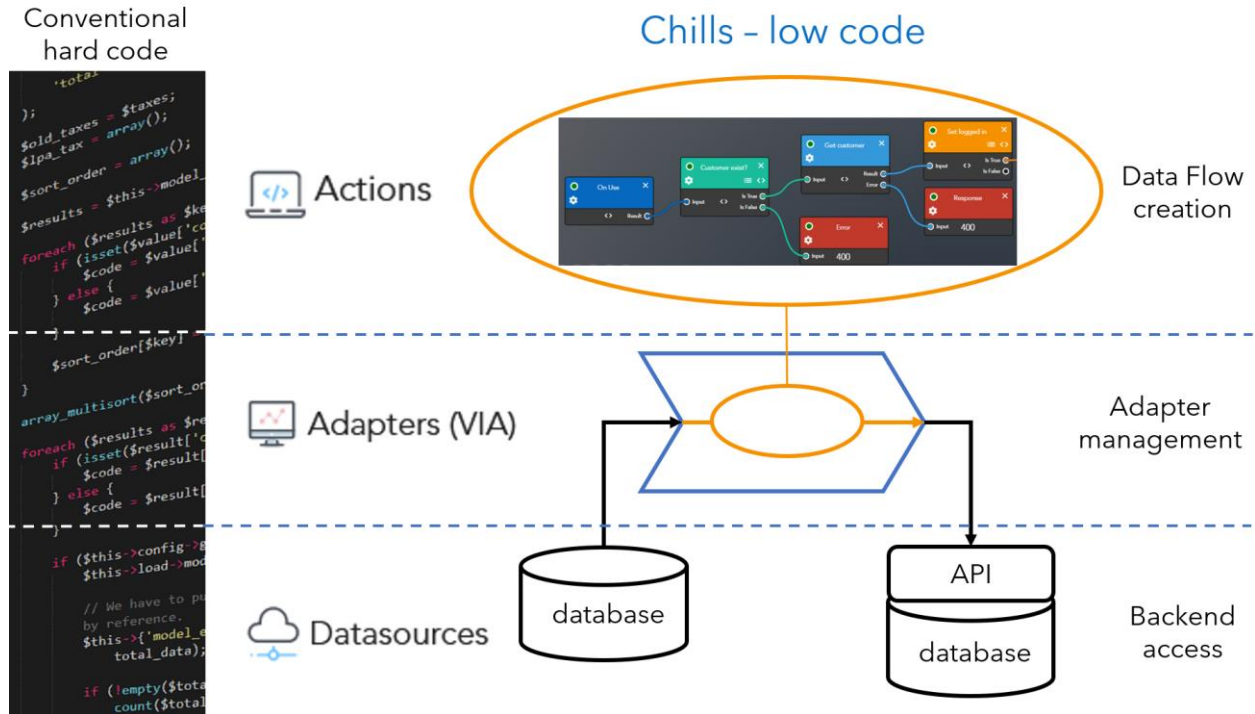
Connection low code & hard code

Low code is much more *business* friendly. It is an interface on top of hard code integrations while simultaneously allowing access to the hard code. An integration is managed in the low-coded frontend controlling the hard-coding. This low-coded integration or automation is created on the Chills backend. A low-coded integration or automation connects databases or automates a part of a business process. The parameters and credentials you write in a hard-coded integration are now the parameters you fill in the low-coded frontend.

Increased resource pool of programmers

Low code simplifies programming to the extent that more "citizen" developers can contribute. They can quickly create the data flows while the experts do their expert work in the hard coding. This speeds up your digitalisation at a lower cost.

6. THREE LEVELS OF LOW CODING REPLACING HARD CODING



Chills has divided hard code into three levels of low coding. In each level you create a part of the integration/automation while still having access to the hard coding.

Level 1 Backend access

At this level you create Datasources connections through their API's. Datasources contains all tables with data from your business process applications. All data is available *without* storing it on the Chills backend.

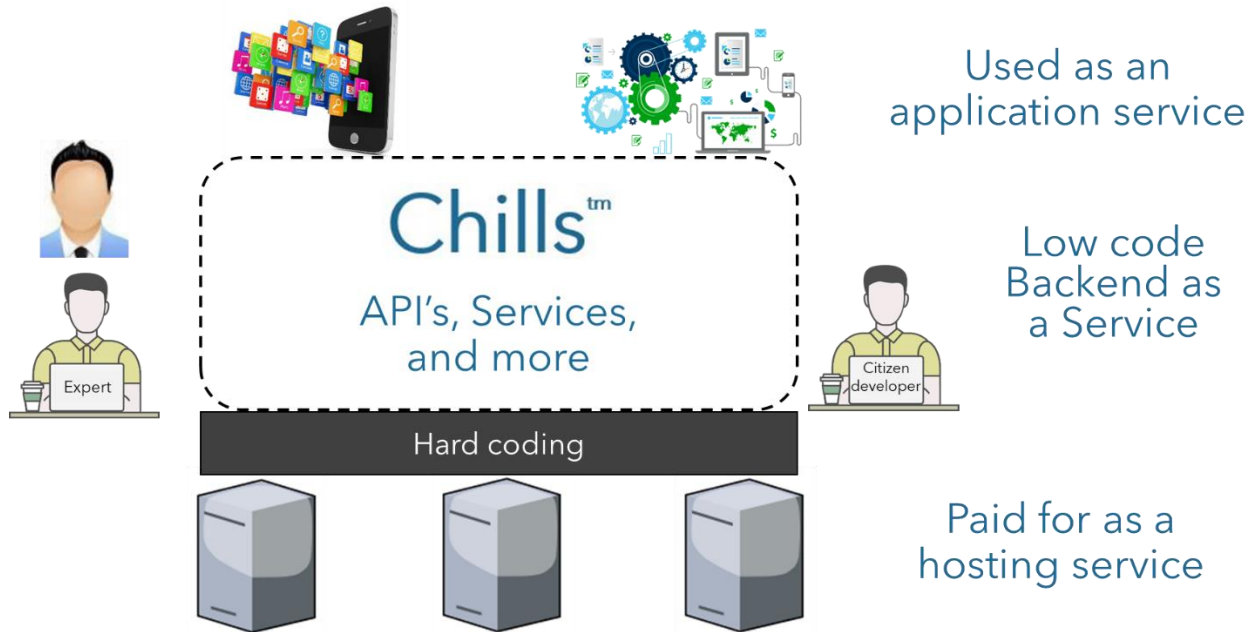
Level 2 Adapter management

Adapters makes the connection between Datasources. Different Adapter types are available, each fulfilling another purpose. The pipe Adapter creates data transfer using drag and drop functionality. This enables the definition of master data transferring the same data to all other Datasources, creating data quality throughout the entire business process.

Level 3 Data Flow creation

In an Adapter you process data using the graphical interface, connecting the bricks in a visual flow schedule. In each step you manipulate data to be transferred to the next. This data flow is tested and saved as a unique version. In case of errors the previous version is reinstalled immediately.

7. WHAT IS A LOW CODE BACKEND?



A low code technology backend uses no hard coding when developing integrations and automations through a graphical user interface. Creating dataflows using a mix of pre-made low code functionality and self-developed tools like Actions. The traditional hard coded backend can gradually be phased out.

Low code technology is summarised as: “The automation of hard coding”.

A low code backend literally fills up the gap between business and IT. Together they design new data flows, the business requires. The graphical user interface enables creation, storage, and updates of all low-coded data flows. A low code backend functions as a map visualising the business information highway.

A low coded backend sits on top of hard coding hosted by any service provider. This type of backend combines the best of both applications & server hosting. It is visual like an application, but the costs are usage dependent. The more data flows developed; the more processor capacity required to drive these data flows. The amount of data processed through each flow is a cost driver.

8. RECOMMENDED LISTENING & READING

Using Chills means embarking on the digital journey with your organisation. To support you we recommend videos and articles, necessary to get the right topics on the right agendas.

Capgemini talk (35 min)

[Leading Technical Transformation Now - No matter what business you're in](#)

In this keynote session recorded at Oracle OpenWorld 2014, Dr. Didier Bonnet, Capgemini Consulting's global head of digital transformation and co-author (with MIT's George Westerman and Andrew McAfee) of the upcoming book "Leading Digital," highlights how large companies in traditional industries—from finance to manufacturing to pharmaceuticals—are using digital to gain strategic advantage.

Columbia Business School webinar (45 min)

[Driving change in your organisation](#)

In this webinar with Columbia Business School Executive Education faculty David Rogers, learn how to harness customer networks, backends, big data, rapid experimentation, and disruptive business models – and how to integrate these into your existing organization to thrive in the digital age.

Harvard Business Review (10 min)

[Why so many high profile digital transformation fail](#)

What can we learn from examples of digital dreams deferred? How did these smart, experienced leaders make decisions that don't look so smart in hindsight?

EY (10 min)

[It is all about the digital supply chain](#)

Technology is enabling this proliferating data complexity – continuing to ignore the need for an enterprise data strategy and information management approach, will not only increase "time to insight," but it may actually lead to incorrect insights.

Dynamic Integrations and guest writer Anders Brunland (10 min)

[Collaborate to initiate digitalisation](#)

Collaboration initiates digitalisation, people with various backgrounds must work together to define a clear digitalisation strategy. This strategy plan describes how step by step people, organisation, processes and technology combined shape the digital organisation.

This article presents 4 sequential collaboration steps; design, prepare, implement and reiterate to initiate digitalisation for organisations starting at leadership level.