Education and research agents on Katonic

35 agents across nine areas

An institution's work runs through its student, learning, research, library and finance systems and the documents around them. Every agent reaches them in one of four ways, all through the same tool gateway and the same approval rules:

	HOW EACH AGENT CONNECTS
01	**A file the user uploads** in the conversation: an application, a transcript, a module outline, a grant call, an ethics form.
02	**A knowledge source.** Regulations, policies, programme handbooks, admissions criteria, funder rules and research procedures are indexed in the Knowledge Engine, with each reader's permissions kept.
03	**An imported API.** The institution gives Katonic the description of an API it already runs, and the operations it chooses become tools. This is the route to systems of record: student records, courses and enrolments, the library catalogue, research outputs, the service desk.
04	**An MCP server from the catalogue,** deployed inside the institution's own cluster. This is the route to the data warehouse, reporting databases, research indexes and web search.

System names are left out on purpose. The institution supplies the address and the sign-in. Nothing here is a tested integration with a named product.

THE NINE AREAS

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AREA 01

Admissions and enrolment

AGENT	WHAT IT DOES	READS FROM	WHERE IT STOPS FOR A PERSON
Admissions Enquiry Agent	Drafts the answer to an applicant's question from the published entry requirements, deadlines and fees, with the source cited	The enquiry as a ticket or an uploaded file; admissions information as a knowledge source	Admissions staff send every answer
Application Completeness Check Agent	Checks an application for what is missing or inconsistent against the programme's stated requirements	The application as an uploaded file or through an imported API; requirements as a knowledge source	An admissions officer decides. The agent admits and rejects no one, and ranks no applicant
Transcript and Credential Summary Agent	Summarises an applicant's transcripts and certificates: qualifications, grades and dates, each with the page it came from	The documents as uploaded files	An admissions officer checks the summary against the documents
Credit Transfer Preparation Agent	Sets a student's prior modules beside the programme's modules and lists the possible matches with the evidence for each	Module descriptions as uploaded files; the programme specification as a knowledge source	The academic lead decides every credit award

AREA 02

Student services

AGENT	WHAT IT DOES	READS FROM	WHERE IT STOPS FOR A PERSON
Student Policy Q&A Agent	Answers a staff member's question from the institution's regulations and policies, cites the clause, and says when they are silent	Regulations and policies as a knowledge source	It informs. Any exception goes to the policy owner
Student Enquiry Response Agent	Drafts the reply to a student's enquiry from the handbook, the regulations and the student's record	The enquiry as a ticket; the record through an imported API; handbooks as a knowledge source	A member of the student services team sends every reply
Financial Aid Document Check Agent	Checks a funding or bursary application for missing documents and inconsistent figures against the scheme's rules	The application as an uploaded file; scheme rules as a knowledge source	The funding officer decides every award
Advising Preparation Agent	Prepares the note for an advising meeting: the student's programme, progress and outstanding requirements, with the regulation behind each	The record through an imported API; the programme specification as a knowledge source	The adviser leads the meeting and gives the advice

AREA 03

Registry and records

AGENT	WHAT IT DOES	READS FROM	WHERE IT STOPS FOR A PERSON
Progression Check Preparation Agent	Sets each student's results against the progression and award rules and lists the cases that need a decision, with the rule	Results through an imported API or a reporting database; regulations as a knowledge source	The exam board decides every progression and award
Extenuating Circumstances Summary Agent	Summarises a claim and its evidence against the criteria in the regulations, and lists what is missing	The claim as an uploaded file; regulations as a knowledge source	The panel decides every claim
Academic Appeal Summary Agent	Sets out the grounds of an appeal, the timeline and the documents, against the appeals procedure	The appeal as an uploaded file; the procedure as a knowledge source	The appeals panel decides. The agent recommends no outcome
Records Request Preparation Agent	Gathers the records a student's access request covers and lists what needs redaction under the institution's procedure	Records through an imported API; the procedure as a knowledge source	The data protection officer checks and releases

AREA 04

Teaching support

AGENT	WHAT IT DOES	READS FROM	WHERE IT STOPS FOR A PERSON
Course Outline Check Agent	Checks a module or course outline against the programme's learning outcomes and the institution's template, and lists the gaps	The outline as an uploaded file; the programme specification as a knowledge source	The module leader revises. The programme lead approves
Teaching Material Drafting Agent	Drafts reading lists, seminar questions or practice exercises from the module's own materials, in the institution's format	Module materials as a knowledge source	The lecturer edits and decides what is used
Feedback Drafting Agent	Drafts written feedback on a piece of work against the published marking criteria, for the marker to edit	The work as an uploaded file; the marking criteria as a knowledge source	The marker writes the final feedback and sets the mark. The agent proposes no mark
Module Evaluation Summary Agent	Groups students' evaluation comments into themes, counts them, and quotes the comments behind each	Evaluation responses from a reporting database	The module leader draws the conclusions

AREA 05

Research support

AGENT	WHAT IT DOES	READS FROM	WHERE IT STOPS FOR A PERSON
Grant Call Summary Agent	Summarises a funding call: eligibility, budget rules, deadlines and required documents, each with the section	The call as an uploaded file or through web search	The research office and the researcher decide whether to apply
Grant Application Compliance Check Agent	Checks a draft application against the funder's rules and the institution's costing policy, and lists each breach	The draft as an uploaded file; funder rules and policy as a knowledge source	The researcher writes and submits. The agent writes no part of the case for support
Ethics Application Check Agent	Checks an ethics application for missing sections, documents and consents against the committee's checklist	The application as an uploaded file; the checklist as a knowledge source	The ethics committee reviews and decides
Literature Search Agent	Searches the research indexes the institution allows for a stated question and returns the papers with their sources and a summary of each	Research indexes through an imported API or web search	The researcher reads the papers and owns every claim made from them

AREA 06

Library and research data

AGENT	WHAT IT DOES	READS FROM	WHERE IT STOPS FOR A PERSON
Library Enquiry Agent	Drafts the answer to a library enquiry from the catalogue, the collections guides and the access rules	The catalogue through an imported API; guides as a knowledge source	Library staff send the answer
Data Management Plan Check Agent	Checks a data management plan against the funder's requirements and the institution's policy, and lists what is missing	The plan as an uploaded file; requirements as a knowledge source	The research data team advises. The researcher finalises
Open Access Compliance Check Agent	Checks a publication record against the funder's and the institution's open access rules, and says which condition is unmet	Publication records through an imported API; the rules as a knowledge source	The library team decides the action

AREA 07

IT and campus services

AGENT	WHAT IT DOES	READS FROM	WHERE IT STOPS FOR A PERSON
IT Service Desk Agent	Drafts the reply to a staff or student ticket from the knowledge base and past tickets, with the article cited	The ticket through an imported API; the knowledge base as a knowledge source	A service desk analyst sends every reply
Research Computing Help Agent	Answers a researcher's question about the institution's research computing service from its own documentation, with the page cited	Service documentation as a knowledge source	It informs. The research computing team handles anything it does not cover
Timetable Clash Report Agent	Lists the clashes in a draft timetable by room, staff member and student group	The draft timetable through an imported API or a reporting database	The timetabling team resolves every clash
Estates Request Triage Agent	Classifies maintenance and space requests, adds the building and asset details, and drafts the work request	Requests through an imported API; the asset list through an imported API	The estates helpdesk assigns and raises the work

AREA 08

Quality and compliance

AGENT	WHAT IT DOES	READS FROM	WHERE IT STOPS FOR A PERSON
Accreditation Evidence Agent	Maps the institution's documents to each standard of an accreditation or a review, and lists the standards with no evidence	Documents as a knowledge source; the standards as an uploaded file	The quality lead checks the mapping and writes the submission
Programme Review Pack Agent	Prepares the pack for an annual programme review: enrolment, progression, outcomes and survey results, with the figures	A reporting database, read only	The programme team draws the conclusions
Regulatory Return Preparation Agent	Drafts a statutory return from the institution's data and the regulator's template, with each figure traced to its source	A reporting database; the template as a knowledge source	The planning or compliance lead checks and submits
Policy Change Impact Agent	Summarises a new regulation or guidance document and lists the institutional policies and processes it touches	The document as an uploaded file; policies as a knowledge source	The policy owner decides the response

AREA 09

Finance and people

AGENT	WHAT IT DOES	READS FROM	WHERE IT STOPS FOR A PERSON
Invoice Matching Agent	Matches a supplier invoice to the order and the goods receipt, and lists every difference	The invoice as an uploaded file; the order and receipt through an imported API	Accounts payable approves every payment
Research Cost Check Agent	Checks the spend on a research grant against its budget lines and the funder's rules, and lists each item out of line	Spend from a reporting database; the award terms as a knowledge source	The research accountant and the principal investigator decide the action
Procurement Tender Summary Agent	Sets supplier bids for the same tender side by side: price, compliance with the requirements and departures from them	The bids as uploaded files; the tender as a knowledge source	The procurement panel scores and decides
Staff Policy Q&A Agent	Answers a staff member's question about HR and workplace policy from the institution's own policies, with the policy cited	Internal policies as a knowledge source	It informs. Any exception goes to the policy owner

WHAT EVERY AGENT HAS IN COMMON

01 **It runs on the institution's own infrastructure or private cloud,** with a model the institution serves. Student records and unpublished research stay there.

02 **Every tool call passes the institution's policy.** A policy can allow a tool, record its use, hold it for a person's approval, or block it, for the whole institution or for one department.

03 **A tool that changes something waits for approval** unless the institution has decided otherwise for that tool. That is how no record, reply or return goes out unapproved.

04 **No agent decides about a student or an applicant.** Admission, marks, progression, appeals and misconduct stay with the people and boards the regulations name.

05 **The agent acts as the person using it.** Where the institution's API checks the caller, Katonic passes the signed-in user's identity, and the agent cannot claim another.

06 **Every call is recorded,** with who asked, which tool, and what was decided, and an agent, a tool or a whole server can be switched off at once.

WHERE TO START

Pick work where reading is slow, the decision stays with a person, and no student waits on the agent.

THREE PLACES THAT FIT

Student Policy Q&A

Staff ask what the institution's own regulations say and get the answer with the clause cited. No student record is touched, so it can run on day one.

Grant Application Compliance Check

The agent lists where a draft breaks the funder's rules. The researcher fixes and submits.

Accreditation Evidence

The agent maps documents to standards and lists the gaps. The quality lead writes the submission.

One department, one process, invented data first. Then beside the manual process, measured against it.

Each one prepares the work. A named person decides.

About Katonic AI

Katonic AI builds the platform that organisations use to build, run and govern AI agents on their own infrastructure: in their own data centre, in a private or sovereign cloud, or with no connection to the internet at all. The platform is in production with governments, banks, telecom operators and utilities. Katonic is certified to ISO 27001.

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