DARTMOUTH ADVISORY PARTNERS

TECHNICAL SHEET / DISCOVERY & DELIVERY

Software Factory

Carry the intent through the build.

TYPE	IN THE MACHINE	PUBLISHED
Development architecture	Sign-off	October 2026

01 / WHAT IT IS

What it is

Software Factory is a development architecture connecting policy intent, system specification and the evidence used to assess a delivered application.

TYPE	Development architecture
GROUP	Discovery & delivery
IN THE MACHINE	Sign-off
SOLVES	Embedded engineering and transfer, Governed workflows
BROUGHT BY	Embedded engineering

02 / HOW IT WORKS

How it works

In order. Each step is checked before the next begins.

01	**Policy intent**
02	**Reviewed specification**
03	**Implementation**
04	**Acceptance evidence**

> IN PRACTICE
>
> The acceptance basis stays connected to the original intent as a system moves through specification, build and review.

03 / WHO IT IS FOR, AND HOW IT IS APPLIED

Who it is for, and how it is applied

Who it is for

Teams building institution-specific applications under explicit governance constraints.

How it is applied

An engineering approach for translating a bounded specification into a working system, with human approval and verification around the delivery process.

04 / CONNECTED WORK

Connected work

Software Factory works alongside these systems.

SYSTEM	WHAT IT DOES
Gate Zero	Define the work before the build.
Living Policy Architecture	Policy becomes working infrastructure.
DAP Foundry	Small tools that finish the job.

05 / READ ON

Read on

1. The related paper
   `/papers/discovery-is-the-bottleneck/`
2. Software Factory on dap.solutions
   `https://dap.solutions/solutions/systems/software-factory/`

Govern first. Then automate.

Models propose. Humans ratify. To discuss Software Factory, write to info@dap.solutions.

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