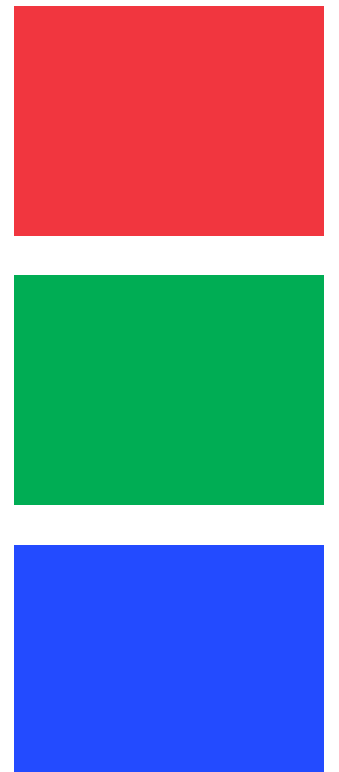




Local systems and intelligence for business

Helm Tech is a Mumbai-based technology company that builds software and local AI around a business's own information.



UNDERSTAND / BUILD / SUPPORT

When an update takes several calls

A question about the business can become a task for several people.

The records need to be usable together.

Information is scattered

Updates sit across spreadsheets, messages and individual employees. Finding the latest answer takes time.

Work is repeated

Teams search for information, repeat administration and interrupt colleagues to fill the gaps.

Knowledge is hard to retain

Operating history and everyday corrections need to stay with the business as staff and operations change.

Answers from the business's own information

Local AI runs on computers or servers controlled by the business. It works with company records, procedures and operating history to answer practical questions in context.

Helm Tech connects the information and builds the applications and automation around it. Authorised users can find relevant records, ask about operations and see what needs attention.

INSIDE BUSINESS CONTROLLED INFRASTRUCTURE

BUSINESS RECORDS

Documents, records
and operating history

→ Local systems + AI

Questions become answers.
Records support the next action.

Control over business information

Local processing reduces the need to send sensitive customer, commercial and operating data to outside AI services.

01 Data and connections

The business controls where information is stored and which external services are allowed to connect.

02 Access and actions

The deployment plan defines permissions, encryption, backups, activity logs and controlled updates. Important actions follow the business's approval rules.

03 Continuity and fit

Suitable local workflows can keep running without an external AI service. Deployment choices match the business's data, infrastructure and workload.

From reliable records to working systems

01

Feed Audit

Map the records, workflows and information gaps. Set the baseline and decide what needs fixing first.

02

Feed Build

Connect core records and make reliable capture part of everyday work, with clear ownership and correction loops.

03

The System

Build the applications, automation and local intelligence the operation needs. Put them into daily use.

04

The Watch

Support the system, monitor quality, security and costs, and improve it as the business changes.

Progress is measured from the initial baseline through day-to-day use and ongoing review.

Indian Army unit

Geospatial data, ready to use.

The team delivered software to manage geospatial data from ingestion and storage through analysis, visualisation and controlled distribution.

The brief called for standard formats, scalable storage for large files and images, efficient spatial queries and a usable interface.

Ingest

Standard geospatial formats and large imagery

Find

Automatic metadata, geographic footprints and spatial queries

Process

Quality checks, analysis and compression

Use

Maps, downloads and standard data services

The full data lifecycle

From a stored file to a usable, traceable record.

Store and find

Scalable data storage, spatial indexing and querying, automatic metadata, data footprints, retrieval and downloads.

Visualise and connect

2D and 3D views, vector and raster tiles, 3D tiles, and OGC services including WMS, WFS and WMTS.

Integrated with GDAL, OGR, GeoPandas and raster-processing libraries.

Process and check

Extensible ETL, raster calculations, spatial analysis, compression and data quality checks.

Control and retain

User access, encryption, version tracking, activity logs, and documentation for archived and disseminated data.

Indian Navy

Intranet software, delivered in partnership with EPPS Infotech.

The team worked with EPPS Infotech across Ayupravidha, SAMUDRA and DRONA. The programmes served medical records, dockyard administration and document security.

Ayupravidha

Medical records

Digital processing of Annual and Periodic Medical Examinations and the documents that accompany them.

EPPS Infotech

SAMUDRA

Dockyard operations

EPPS's shipyard and refit ERP, connecting work orders, scheduling, people, materials, costs and quality records.

DRONA

Document security

EPPS's digital rights and data-security platform, covering document permissions, protected access and usage records.

The people and activity behind a club

Railway Officers' Club

Badhwar Park, Mumbai

[Western Railway club listing](#)

The Imperial Club

The Imperial, Tardeo, Mumbai

[The Imperial](#)

Helm Tech built facility and club-management software covering staff, members, access and sporting activity.

The work connected the administrative records a club needs with the information members use to organise training, find fellow players and take part.

From administration to participation

01 People and access

Staff management, attendance and member records. Member permissions connected with access actuation for facility entry.

02 Availability and updates

Coach and fellow-member availability for training and multiplayer sports, alongside club announcements.

03 Regular participation

Friendly tournaments, member ladders and hosted challenges gave members more ways to organise play.

ABS Sports

32%*

fewer calls for basic
business information

“What we appreciate is being able to discuss the business with the people who are actually doing the work.”

Balendar Sharma / Owner, ABS Sports

* Measured by Helm Tech.

WHAT CHANGED

ABS Sports needed a website that explained the business and helped visitors find basic information without calling for every detail. The priority was a clearer introduction and an easy route for enquiries.

Helm Tech organised the content, worked on how the business was presented and built the website. ABS Sports worked directly with the people carrying out the implementation.

Customers can understand the offer and find the information they need before getting in touch. The business has a consistent digital introduction to support its customer conversations.

Built and used within the businesses

Black & Yellow and Toomaverick are owned by Helm's founders.
Bio-IQ is Helm Tech's own product, with related-business
deployments in bio-energy.

The following projects show the systems in day-to-day use within that business
network. Their ownership and shared leadership are stated alongside the work.

Solether Bio Energy

BIO-IQ BY HELM TECH

Helm product · shared directorship with Solether

22% *

less time spent gathering
operational updates

* Measured by Helm Tech.

At Solether, obtaining updates meant calling different people across the operation. Leadership needed a way to see what was happening without interrupting the team for every piece of information.

“With Bio-IQ, I can ask the system directly. I don’t have to go through someone for every piece of information.”

Mritunjay Singh

Director, Solether Bio Energy Pvt Ltd
Secretary, Bio Compressed Natural Gas Association,
Madhya Pradesh

The information behind the answer

Helm Tech developed Bio-IQ to put company information behind a shared operational view. The system connects plant records and readings with shift notes and actions.

Business heads can review current records and open issues, ask questions and identify what needs attention. Teams can assign follow-up, retain the outcome and carry the context into the next shift.

THE RECORDS

Plant records

Readings

Shift notes

Actions and outcomes

Review → Assign → Record → Hand over

Work across four energy businesses



CBG Organics' plant under construction in Guna.

Photo: CBG Organics.

Bio-IQ product and related-business portfolio

Solether Bio Energy Pvt Ltd

Company website and work for briquetting and pelleting operations.

CBG Organics Pvt Ltd

Company website explaining the Guna compressed biogas project and process, with project facts and photographs.

HM Patidar Bio Energy Pvt Ltd

Work for briquetting and pelleting operations.

Aurabite Energy Pvt Ltd

Bio-IQ engagement.

Black & Yellow

Software for the squash court

Black & Yellow is owned by Helm's founders.

14%^{*}

less time spent recording
and preparing athlete assessments

theblackandyellow.com

* Measured by Helm Tech.

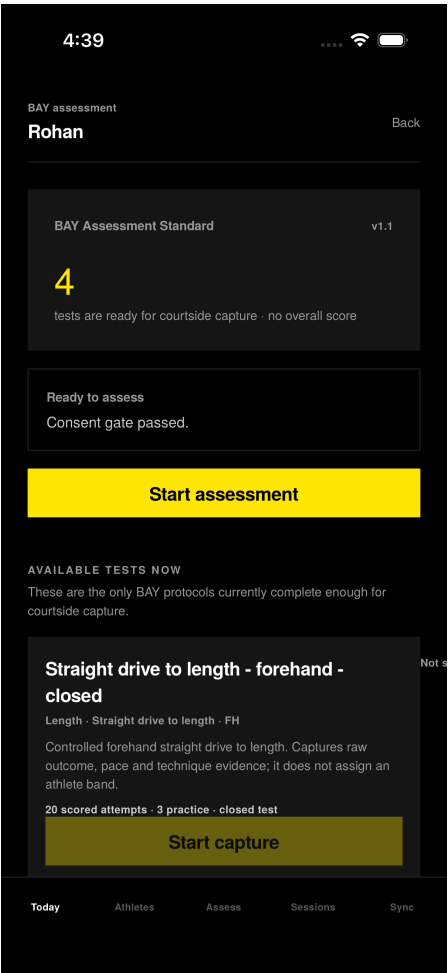
THE BUSINESS NEED

Black & Yellow runs squash programmes from first lessons to performance training. Coaches needed a consistent way to record assessments and review a player's development. Athletes needed feedback they could return to between sessions.

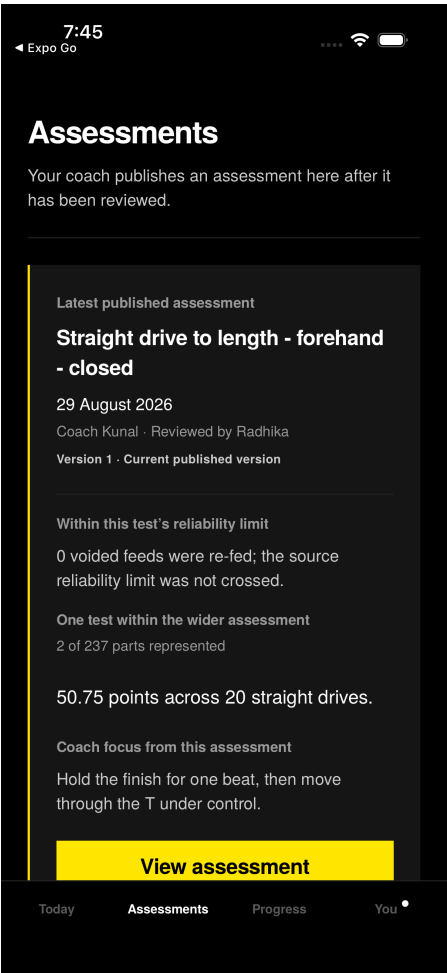
WHAT HELM DELIVERED

Helm Tech digitised the business, built the BAY app and developed custom AI and machine learning for match analysis, form analysis and athlete assessment.

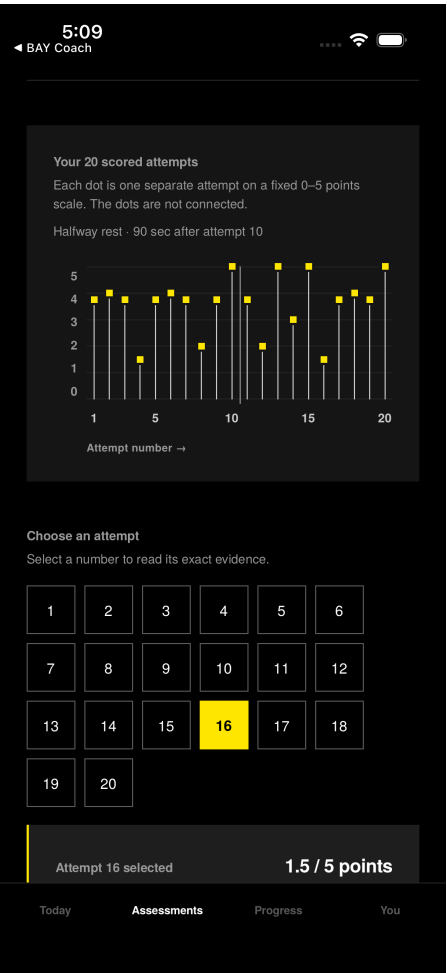
The record behind every score



Coach assessment



Athlete feedback



Attempt history

Record

A coach selects the tests and records each attempt at the court.

Review and publish

The coach reviews the assessment and publishes feedback. The athlete sees scores, the attempts behind them and what to work on next.

Return to the record

Assessment versions, progress across comparable tests and attendance remain in the player's record. The history and evidence behind a score stay available for the next review.

Toomaverick

Digitising a creative studio

toomaverick.com

Toomaverick is a founder-owned studio working across branding, web, AI and film. It needed a clear public portfolio and a way to organise client and project information.



* Measured by Helm Tech.

12%*

less time spent coordinating
routine project work

Helm Tech digitised the business from end to end, including its website and internal business systems. The website brought the studio's work and services together and provided a route for project enquiries.

Visitors can explore the portfolio, understand its services and start a project conversation. The delivery covered the public introduction and the systems behind it.

Engineering and business experience

Kunal Singh

CEO AND CO-FOUNDER

Former Indian Navy officer with experience building fitness and digital media businesses.

Chinmay Goyal

CTO AND CO-FOUNDER

Former Indian Navy engineer who leads Helm's technical architecture.

Technical delivery

Helm Tech takes responsibility from diagnosis and design through implementation and ongoing support.

Alongside internal systems, Helm Tech has delivered websites, mobile apps and digital marketing infrastructure.

Built around the business

Work is shaped around existing workflows, people and information. The technology is chosen to suit the problem.

Knowledge that stays

Records, operating history and corrections remain a resource the business can keep using as staff and operations change.

A practical starting point

An initial discussion with Kunal Singh identifies the operational problem, the information available and a practical starting point for the work.

Kunal Singh

Mumbai, India

kunal@helmtech.in

[+91 99930 94281](tel:+919993094281)

helmtech.in

Local systems and intelligence