

# The Software Wellness Center

Your pathway to thriving software systems



The Software Wellness Center™ (SWC) is redefining healthy software systems. Our expert guidance significantly reduces costs and risks across the software lifecycle—from engineering to operations and maintenance—while maximizing the strategic value of mission-critical systems. Through cutting-edge research and analysis, we're not just following standards, we're setting them, advancing the software industry into a new era of innovation.

## Why software health matters

Technologies evolve at a rapid pace. Projects fall behind schedule, acquisitions fail, cutting-edge technology becomes difficult to keep up with, current systems need continuous patching, and teams can lack the expertise needed to solve these issues. By leveraging the SWC, you gain access to solutions more efficiently than through independent efforts.

Healthy software is designed with the user and use in mind, ensuring it is reliable, securable, maintainable, accessible, and fulfills the mission need.

Our approach to software wellness is rooted in these core principles:

- “Lifelong” engagement throughout the software's lifecycle
- Proactive measures to address early signs of trouble, preventing larger problems in the future
- Timely diagnosis and resolution of issues
- Innovation in the field of software engineering

The SWC is a community of experts committed to your success. Our practitioners are your partners, offering insights and strategies to navigate the complex software landscape.

## Current and planned resources



Comprehensive playbooks for achieving software wellness



Lifelong Software Wellness Record (SWR) for your project



Software Wellness Academy (SWA) training & Software Wellness Practitioner certificate program



Customizable dashboards to monitor the health of your software projects



Evaluations via continuous monitoring, self-assessments, or practitioner-led assessments, all informed by our research into the determinants of software health

## The doctor can see your software now

We offer essential services to support the entire lifecycle of software health:



- Our **healthy software development, modernization & acquisition** service provides playbooks that range from software development to user experience (UX). We provide access to experienced experts, training, best practices, and best of breed tools. A key enabler for this service is the Software Wellness Record (SWR), analogous to an electronic health record, which maintains a lifelong record of a software project's health.



- The **training and workforce enablement** service is centered around the Software Wellness Academy, a dedicated platform for training software engineers in industry-leading practices. We are developing a certification program to elevate the standards of software development & acquisition.



- The **software assessments, diagnosis & recovery** service detects and mitigates future software issues. We are developing a continuous monitoring service, a self-checkup service, and a practitioner-led assessment and diagnosis service. We also are building customizable dashboards for both project teams and SWC practitioners to monitor their software wellness metrics.



- Our **innovative software solutions & research** service propels the field of software engineering forward and continuously refines our practices. Our initial research focus is on defining the determinants of software health by analyzing data-driven key predictors of software health. These findings then inform our software assessments & diagnosis service.

## Take the first step towards improved software health

Contact us at [swcenter@mitre.org](mailto:swcenter@mitre.org) to arrange a consultation with one of our SWC practitioners. This initial meeting is designed to understand your specific needs, priorities, and timeline. Our aim is to gain insights into the current state of your software project and help chart a pathway towards its envisioned future state.

For information about MITRE's Software Wellness Center, contact [swcenter@mitre.org](mailto:swcenter@mitre.org).

*MITRE's mission-driven teams are dedicated to solving problems for a safer world. Through our public-private partnerships and federally funded R&D centers, we work across government and in partnership with industry to tackle challenges to the safety, stability, and well-being of our nation.*