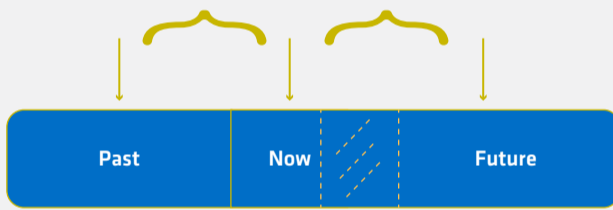adesso

Architectural Design

description_

"The shelf life" of today's technologies is getting shorter and shorter. Old technologies become obsolete very quickly, and the pace of change can be alarming. To confront that, IT systems need to be checked regularly from an architectural perspective, and necessary tunings and redesigns have to be made in order to decrease the complexity of existing systems, thus providing relief from a greater technological burden in the future.

adesso's architectural design consultancy addresses the "now" and "future" spectra of your existing technology stack and creates smart solutions that can be easily implemented today and used tomorrow. It takes the speed of technological transformation into consideration in making technological design choices among vendor-independent architectural design alternatives while possessing a deep expertise in all the possible vendor technologies. adesso's solutions find their place in the sweet spot between the "now" and "future" with a projective stance.

Service Metrics

Effort	: 20-40 Person/Day
Duration	: 1-2 Months
Team structure	: 1 Enterprise Architect	1 Analyst	1 Software Developer (optional)

Platforms

.NET	JAVA	iOS	Android
React	Angular	Vue	CI/CD	Cloud

Past	Now		Future

motivations_

▶ Deprecated technologies, old applications, and systems that create bad user experiences and poor business results

▶ Developers who are unfamiliar with outdated development tools

▶ Lack of resources when it comes to out-of-date technologies and development tools

▶ Lack of support for overaged packages on applications and systems, which raises issues of security, sustainability, and performance

▶ Outdated technologies that hinder the development of new features and, therefore, the motivation of the development team

▶ Outdated technologies that resist modular design

prerequisites_

▶ "Architectural Snapshot" report

▶ Business strategy and future roadmap

▶ Dependencies: Platform constraints and limitations

deliverables_

▶ Future-proof tech stack map

▶ Architectural diagrams

▶ Integration maps

▶ API service catalog

▶ Design pattern alternatives

recommended adesso services_

▶ Architectural Snapshot

references_

▶ AgeSA

▶ PepsiCo

▶ Borusan

▶ Allianz

▶ Papara

▶ UPT

▶ Midas

▶ Medi

contacts_

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