

 **Atypical**s.studio

HELLO SIMPLICITY

Technical Debt Optimization

Consulting Service

**Technical debt is a barrier to growth.
It hinders a company's ability to innovate,
adapt and remain competitive.**

Our solution quantifies and addresses tech debt's impact, costs, and payoff strategy, empowering companies to achieve peak performance and agility.

What is Technical Debt?

Technical Debt refers to the **hidden costs and compromises that accrue** in the development process to meet immediate project deadlines or objectives.

The longer it is allowed to accumulate, the more interest it accrues, making it **progressively more costly and challenging to resolve.**

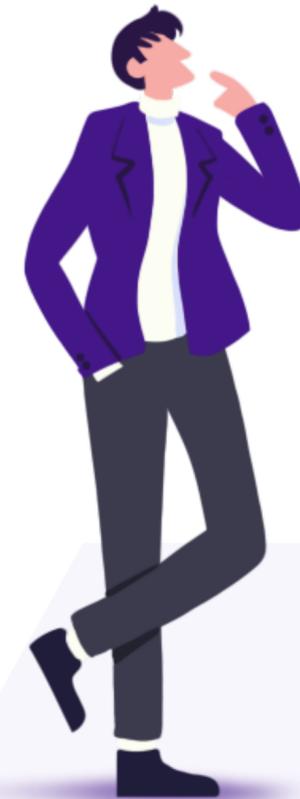
Tackling technical debt is one of the biggest challenges for software companies because it **directly impacts the ability to innovate and stay competitive.**



How it Happens?

Technical debt creeps in gradually, arising from multiple factors, such as:

- Time constraints
- Inadequate planning
- Changing requirements
- Lack of documentation
- Code complexity
- Outdated technologies
- Unresolved bugs
- Neglecting testing and quality assurance
- Team turnover
- Scope creep



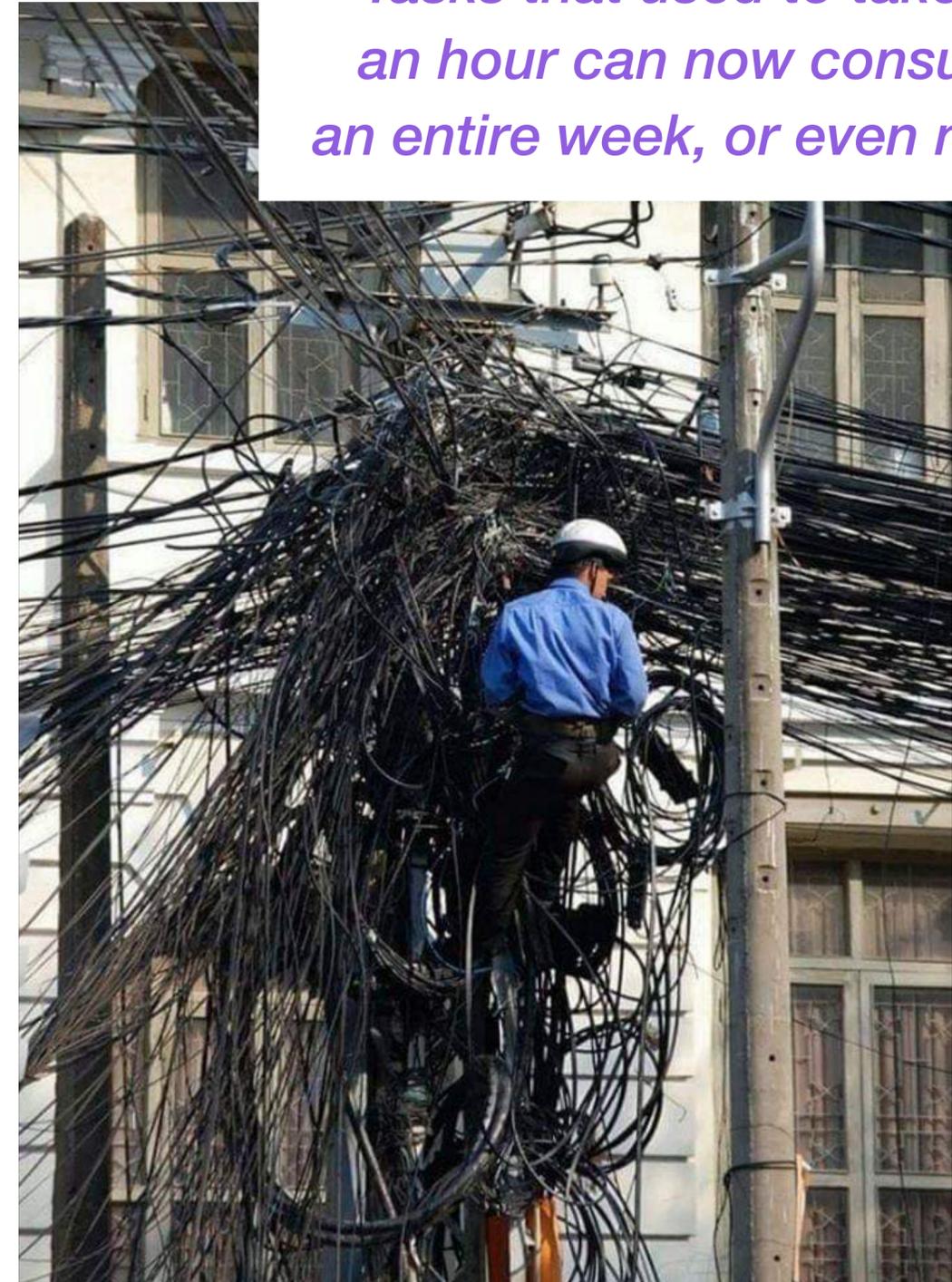
An Analogy

Imagine technical debt as a parallel to public electricity wires. Initially, the installation was pristine and highly efficient. However, over time, it became a **complex web of inefficiencies**.

Tasks that used to take just an hour can now consume an entire week, or even more, due to the cumulative weight of countless expedient decisions.

The hidden nature of technical debt poses a unique challenge. **Managers and decision-makers are often unable to see the impact, rendering it even more insidious and perilous.**

“Tasks that used to take just an hour can now consume an entire week, or even more”



The Business Cost

Insights from major consultancies and publications:

20% - 40%

Portion of tech debt in the entire technology estate of companies.

McKinsey
& Company

33%

Time that engineers spend dealing with technical debt.

Forbes

50+%

Prediction of increased service delivery times that leaders who actively manage and reduce technical debt will achieve.

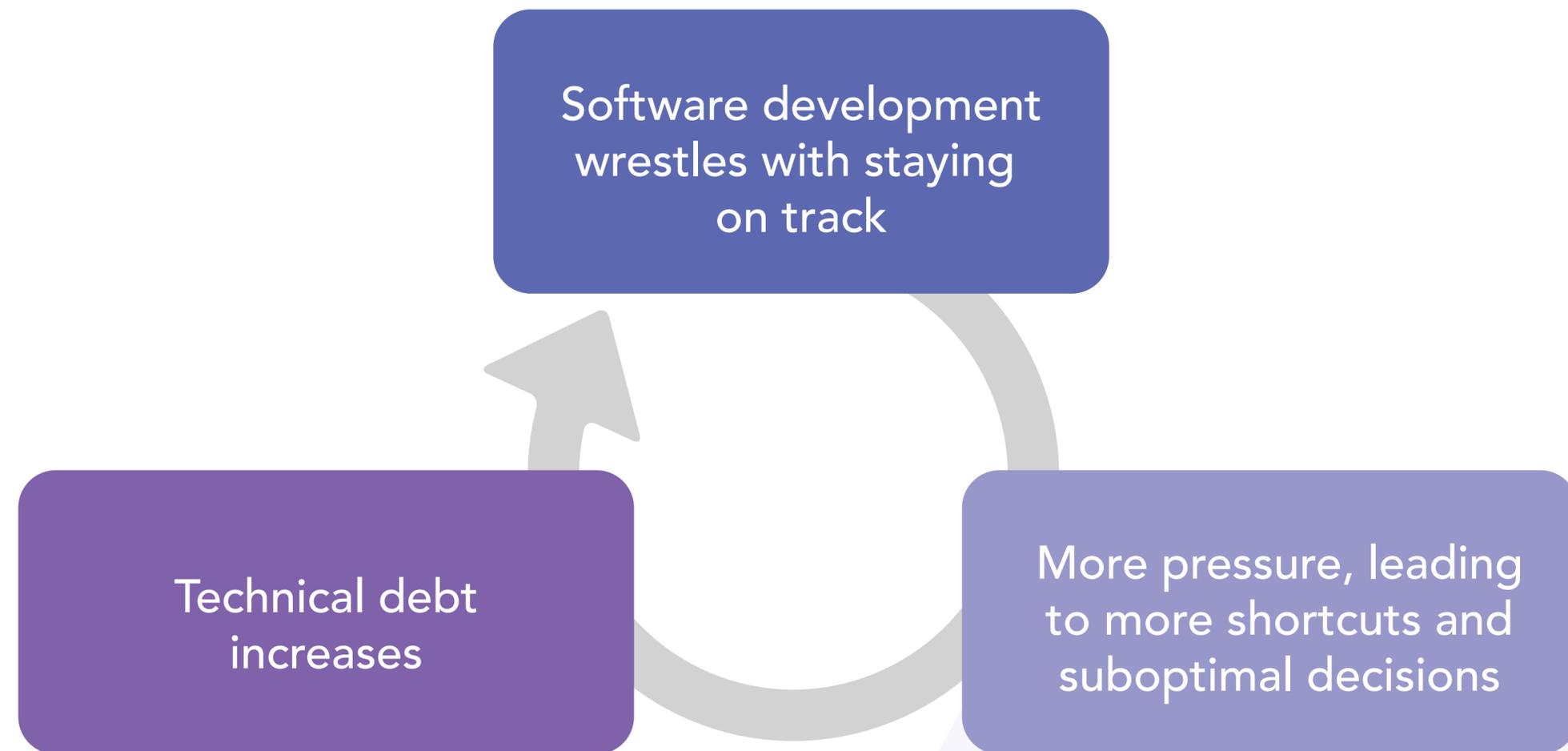
Gartner®



The Vicious Cycle of Tech Debt

It is important to break out of the vicious cycle without delay.

Waiting will only make the problem worse.



How We Can Help You

Package #1: Making the Invisible Visible (size + cost)

This package will give you insight into your tech debt, so you'll know how severe it is and what it's costing you. These resources enable management and non-technical stakeholders to understand the situation and make informed decisions for a sustainable future.

Format: one-on-one interviews with the management team and developers.

Deliverables: report + presentation incl. Tech Debt Score, cost of tech debt and high-risk areas.



How We Can Help You (cont'd)

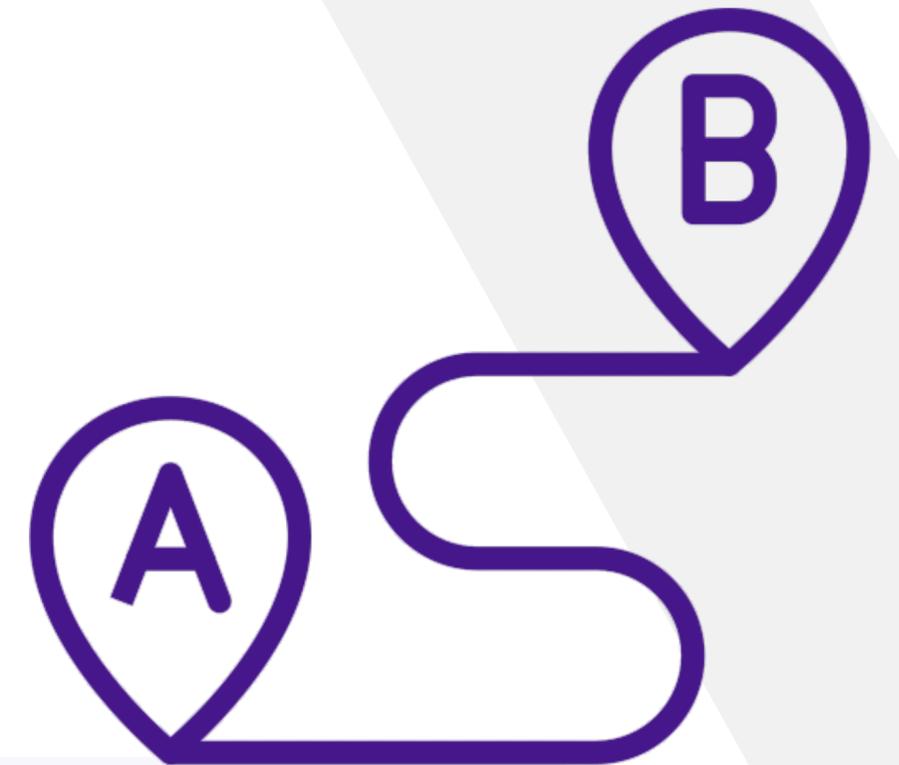
Package #2: Tailored Remediation Program

In this package we plan a strategy to pay off the tech debt based on your situation and needs. Not all tech debt needs to be paid off, nor should it be tackled all at once. Instead, we build a model to optimise tech debt over the long term. This could include 'paying down' debt through carefully targeted, high-impact actions such as modernising systems to align with the target architecture, simplifying application interfaces and retiring redundant applications and databases.

By reinventing their debt management, companies will be able to work to size, value, and control their tech debt and regularly communicate it to the business.

Format: workshops, advice & guidance using our own framework and methodology.

Deliverables: strategy to manage technology debt effectively and sustainably, resulting in an organisation with peak performance and agility.



How We Can Help You (cont'd)

Package #3: Guidance to Prevent Debt Recurrence

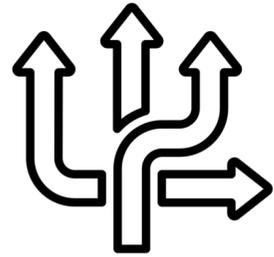
Once the situation has been optimized, we offer you a support package to prevent any problematic situation from recurring.

Long-term change is indeed one of the biggest challenges and our experience of implementing large-scale change strategies will ensure that your situation remains on track for success.

Format: periodic consultancy to continuously assess and monitor the situation.

Deliverables: strategy with concrete and targeted action points.





Improved Agility

More flexibility in responding to changing market demands and evolving customer needs.



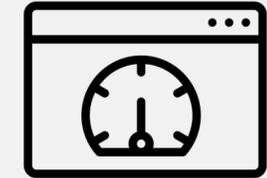
Enhanced Quality

Higher code quality, resulting in fewer bugs, glitches, and system failures.



Cost Savings

By optimizing technical debt, companies can lower long-term maintenance expenses.



Faster Development

Clean code reduces development time and enables quicker time-to-market for new products or improvements.



Sustainability

A well-maintained codebase allows companies to extend the lifespan of their software systems and avoid costly and disruptive rewrites.



Competitive Advantage

Companies that actively manage technical debt can outperform competitors who neglect it, allowing to maintain market leadership.



Happier Development Teams

Developers working on cleaner code are often more satisfied and productive, leading to improved employee retention.



Better Risk Management

By identifying and resolving issues early, companies can prevent larger, more costly problems from arising in the future.



In co-creation, let's transform your
technological debt into technological wealth!

Our Other Services



Staff Augmentation

Gain access to expert developers who seamlessly integrate with your team, increasing scalability and efficiency.



Consulting

We advise software leaders on technical strategy to help them make the right decisions for their business.



Application Development

We combine strategy, design and engineering to rapidly ideate, validate and build products that stand out and drive growth.



Training

Our training programs focus on hands-on learning, equipping your teams with the knowledge they need to excel in their roles.



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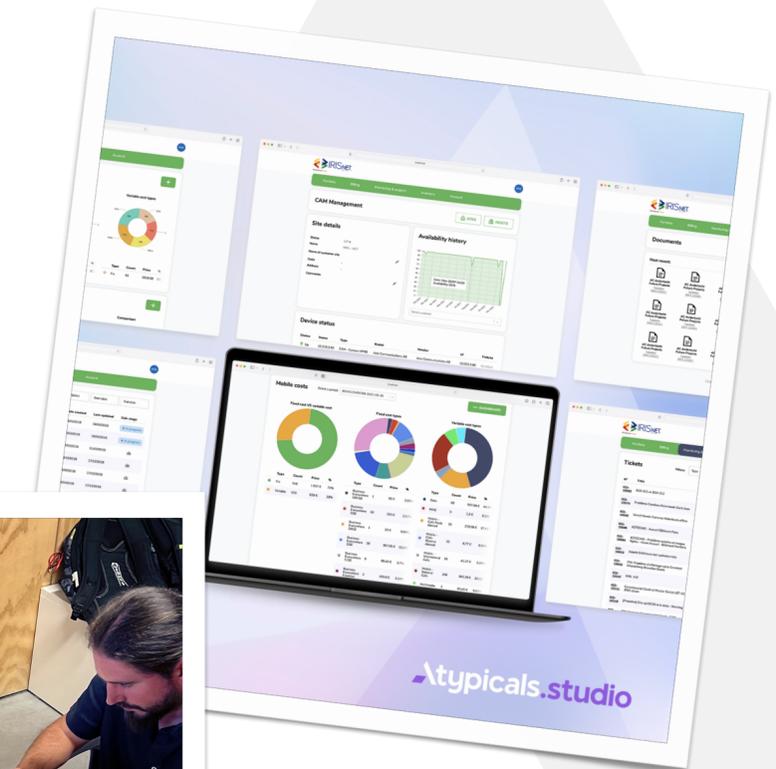
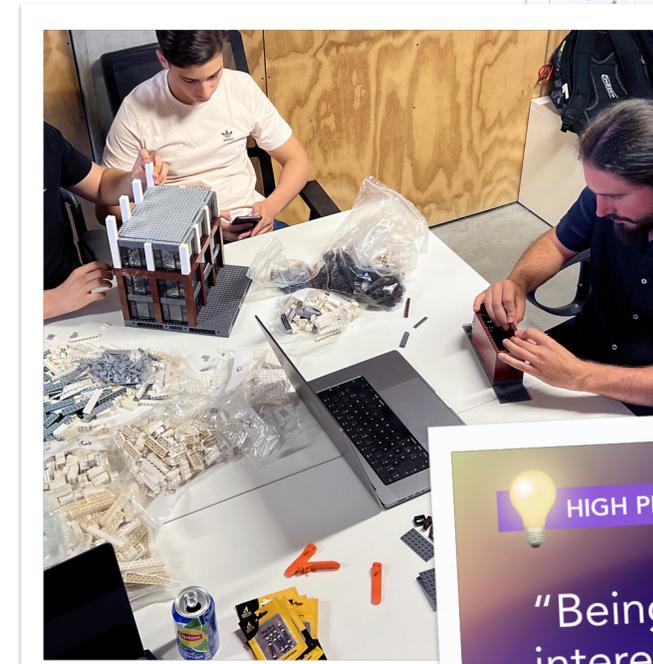
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Ready for
Peak Performance
and Agility?
Let's talk!

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