Build it Yourself vs. Buying Beacon

	Key Challenge	Beacon Solution Components	Time to Market [DIY]
End-user Applications	Empower Traders, PMs, and Risk Managers with the tools & insights they need to get a competitive edge	Pre-trade analytics & pricing apps, Risk reporting apps, Portfolio management apps, Asset-specific apps, etc.	20 Developers or 40k human hours of development
Financial Frameworks	Enable Quant teams to reliably report on PnL, end of day, and risk by accessing real & historical data	Instrument & Asset class coverage, Trade ingestion, Custom models & risk reports, Market & reference data integrations	20 Developers or 40k human hours of development
Development Environment	Ability to integrate, build, test, and deploy models & apps with transparent code versioning	Cloud-based Integrated Developer Environment (IDE), CI/CD pipelines, Software Development Lifecycle (SDLC)	15 developers or 30k human hours of development
Cloud Infrastructure	Ensure computing power to securely operate & scale a Hedge Fund trading desk	Software-defined infrastructure, Elastic cloud compute services, Embedded security model, Runtime environment, Centralized collaborative system	20 developers or 40k human hours of development, 5 FTEs or 10k human hours hardware configuration

Chart (left): PRODUCT MATURITY vs TIME (YEARS). DIY and BEACON. Time to First Value (Beacon); Time to First Value (DIY).

Chart (right): CUMULATIVE COST (MILLIONS) vs TIME (YEARS). DIY and BEACON. Time to First Value (Average); Time to First Value (Below Average); Time to First Value (Above Average); Time to First Value (Beacon).