Welcome to our 32nd Annual Israeli IT Market presentation



מחקר ה IT בישראל IT מחקר ה IT בישראל ס9:30-13:00 בל מה שרציתם לדעת ולא העזתם לשאול.

הצנת ניתוח שוק ה-TI בישראל: ד"ר ג'ימי שוורצקוף

במצנת זו ד"ר נ'ימי שורצקוף ינתח את המציאות המורכבת בישראל בהיבטי הכלכלה, חדשנות, טכנולוגיות, T, התקציבים וסדרי העדיפויות החדשים שנוצרו. ד"ר שוורצקוף יציג את תוצאות המחקר השנתי על פני קטנוריות עקריות בעולמות הטכנולוגיה, שירותים ומוצרים, ובתוך כך את המגמה בתקציבי ה -IT, גדלי השוק בישראל בקטטריות השונות, מיצוב ודירוג הספקים השונים ועוד.

הצנת תוצאות מחקר דאטה, אנליטיקה ו-Al בישראל 2024: עינת שמעוני

מצנת זו תסקור את תוצאות המחקר השנתי בשלמות הדאטה וה-Al. נחשקי את תוצאות סקר ה-CDOs וכן את מחקר ה Generative Al שנערך לראשונה השנה בקרב ארגונים בישראל, נשווה נתוני ישראל לעומת המצב בעולם, ננתח מגמות עתידיות ונעמוד על הקשר בין אסטרטניות הדאטה לאסטרטניות יישום Al.

הצנת תוצאות מחקר אסטרטנית IT - ניהול פרויקטים, ניהול מוצר, ניהול עלויות ה-TT, עולמות ה-sourcing והאוסומציה ביושראל 2014: בלות פייו

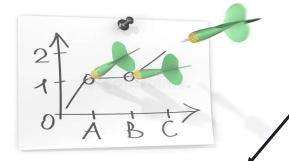
מצנת זו תסקור את תוצאות המחקר השנתי בעולמות ניהול הפרויקטים, המוצר, מודלים שונים של sourcing ואת התפקיד המשתנה של OCIO. נדבר על מנמות בעולמות האוטומציה הארנונית – מהו השלב הבא של RPA, Business Process Discoveryl, מגמות בעולמות של TEsting Automation ועוד

הצגת תוצאות מחקר בנושא יחסי כ"א בתחומי תשתיות-תפעול-סייבר: פיני כהן

במצנת נציג את תוצאות מחקר STKI בנושא יחסי כוח אדם בנוף מערכות המידע בקרב צוותי הסיבר-תפעול-תשחיות. המחקר כולל מדדים שונים הקשורים לצוותי TL לובנות מספר עובדים לכל עובד TL , היקף ואופן ההשקעה בסייבר, היקף ההשקעה בתחומי תשתיות מנווגים (סיסטם, אחסון, DBA (ובר) זו-היקף ואופן ההשקעה בתחומי השירות – Help Desh , יכנאים, תמיכה אפליקטיבית וכלל. ישנה התייחסות להיקפי המאמץ הנדרשים כפרמסר של נולד הארגון או המורכבות שלו (מספר העובדים, מספר שרתים, מספר פורטים בתקשורת, נפח אחסון, מספר אחרים וכד').



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Q4/2023

The Bank of Israel, the Ministry of Finance and many research departments (banks, insurance, universities) have already begun formulating "scenarios and forecasts" related to the loss of domestic product and damage to the Israeli economy during and following the war.

The great difficulty lies in the uncertainty of the scenario itself. That is, nobody knows how long the fighting will last, whether it will only include the southern region or whether the conflict will expand to another front in the north. The war has disrupted the normal functioning of many businesses, especially in the sectors of tourism, construction, hightech and agriculture.

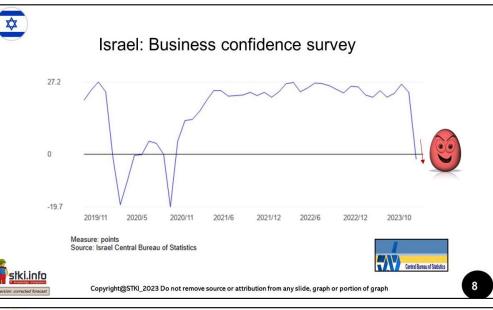
The damage to the economy is expected to be significantly different than those of other wars (i.e.: second Lebanon war) because of the magnitude of:

- Reservists recruited (between 300,000 and 340,000 reservists have been called up) in addition, it
 is calculated another 150,000 spouses and other family members have had to stop work to
 accommodate the call-up.
- Displaced population of the south and northern towns (between 150,000 and 200,000 people) that need temporary accommodations, services (education, psychological and social welfare).
- Damage to entire kibbutzim, moshavim and towns that need to be rebuild entirely
- Probability of political turmoil (elections)

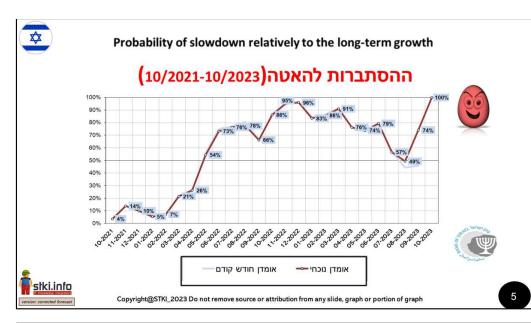
According to the Bank of Israel, the significant damage to the economy will be concentrated on the last quarter of 2023 and the first of 2024 (7/10/23- 1/4/2024) and the least pessimistic scenario says the Israeli economy will suffer a loss of domestic product of approximately \$10 billion USD

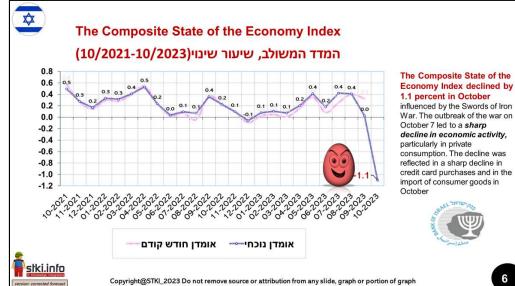


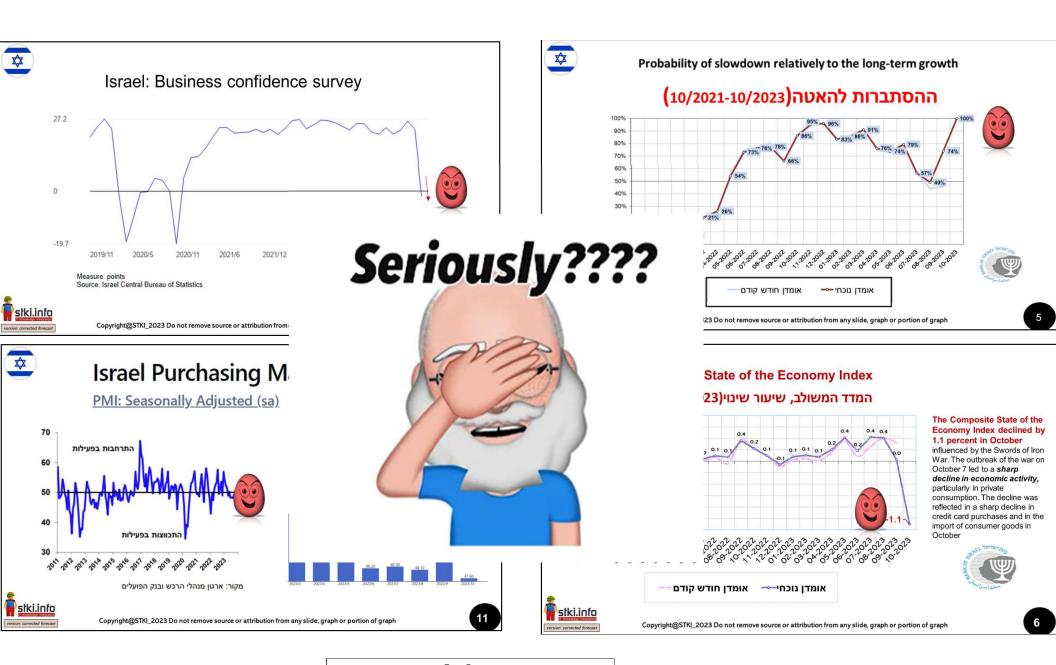
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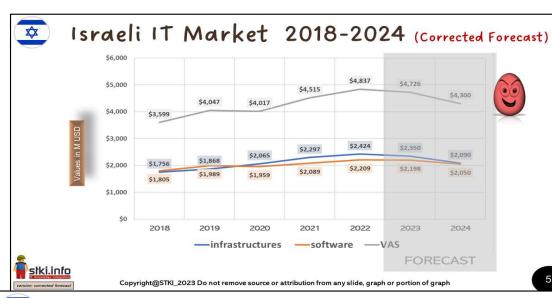


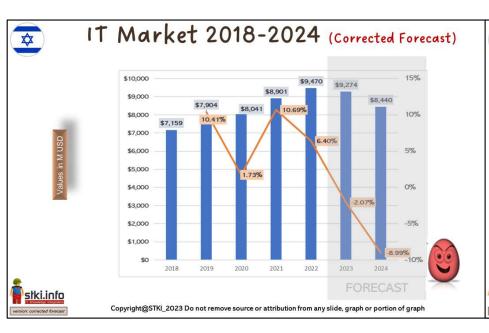


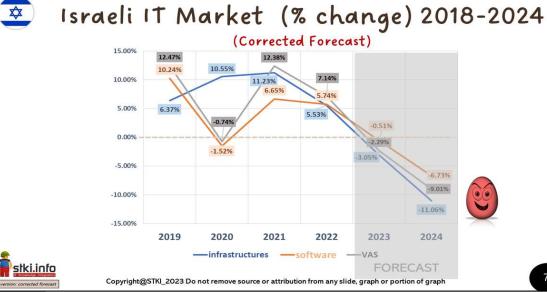














"In Israel, in order to be a realist, you must believe in miracles."

David Ben Gurion

דוד בן גוריון

בישראל, כדי להיות ריאליסט צריך" להאמין בניסים".



The Melnick State of the Economy Index rose by 0.4 percent in March
VIEW INDEX

05/05/2024

The Melnick State of the Economy Rose by 0.3
Percent in February
VIEW INDEX

07/04/2024

Q2/2024 9.15 **Economic growth, quarterly** -8.18 1995/Q2 2014/Q4 2018/Q1 2024/Q1 1998/Q3 2001/Q4 2005/Q1 2008/Q2 2011/Q3 Measure: percent Source: Israel Central Bureau of Statistics The recovery of the business sector activity continues The main cause of the recovery is private consumption 3.41 0.88 0.58 0.59 0.58

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2022/Q2

2022/Q3

2022/Q4

2023/Q1

STKI IT Knowledge Integrators
Company Confidential

6

2024/Q1

-5.91

2023/Q4

2023/Q3

2023/Q2





710 vendors were ranked in this study

Some IT vendors in the study are:

- Private Israeli Companies
- Public Israeli Companies
- Subsidiaries of international companies
- Israeli companies connected to international companies
- Partly owned (by other IT companies)
- Divisions of IT Companies that are managed independently

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Our study looks at any vendor value (products/services) sold to enterprises (also government & security) in Israel; taking into account the client's view/mindshare of value delivered

rankings are based partly on new projects, new names and market penetration growth

- Yearly revenues of hardware sales and hardware maintenance
- > Yearly revenues of software subscriptions & licenses, software maintenance
- Differentiation between new projects and continuing projects (New projects count more)
- > Distinguish between work done by the vendor's employees and work outsourced to other vendors. The revenue should be transferred to the vendor actually doing the work.
- > Differentiate revenues from projects done in fixed price, cost plus (SLA defined), managed services and those done by staff augmentation (non-SLA) projects.
- > Differentiate value of work done by high level internal professionals in a project versus that done by staff augmentation employees in the clients IT department.
- We do not include any work/ products for OEMs and military non-IT projects.



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Unlike some research and advisory firms



work,
allowing our research to
be totally unbiased,
with no hidden
agendas to promote
any particular
technology or vendor.



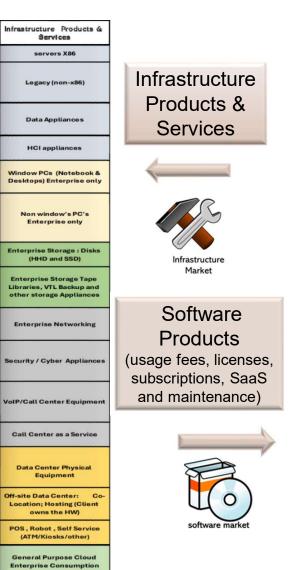


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Over 150 categories (revised)





Infrastructure & System Software (including storage software)						
	BI and Data Discovery Tools					
data platforms (SQL, NoSQL dbms)	Data Mgmt. Tools (including data catalog, governance, ETL, quality)					
Cloud data platforms (SQL, NoSQL dbms)	Data Science and ML/AI Tools					
App\WEB Server, Emulation, , BRMS APaaS (container platforms) Integration Streaming	ERP					
IT Operations, Asset Management, APM, AIOPS Monitoring, Workload- Scheduling ITSM, Service Desk	vertical/core applications					
FinOps tools	CRM					
Endpoint related tools	HR/Talent Mgmt./LMS					
Network\Web cloud services (FW, WAF, ddos services , etc.)	Marketing Automation Software					
data content related tools (DLP, DB FW, DLP Halbana, etc.)	Contact Center and Multi channel engagement tools (Chatbots, Virtual IVR, Video, Voice, etc)					
cyber management tools (SIEM tool, Incident responds, automation)	E-Commerce and Marketplace Platforms					
Zero Trust including identity, access, SDP software defined perimeter, SASE (secure access service edge) IDM, Access	Web Content Management Platforms					
Cloud security protection tools (CNAPP CSPM CASB)	PLM Systems					
Other cyber tools (secure development, awareness etc.)	Blockchain platforms					
Project & Portfolio Management	RPA Platforms					
Development tools, ALM, DevOps for all environments (including Mobile)	BPM Platforms					
Low Code tools	IOT tools and platforms					
Governance, Risk & Compliance	GIS, WMS, transportation tools					
Regulation	banking, insurance and other financial market software					
Office productivity (office calendar,						
mail etc.), KM (Enterprise Portals, ECM, Search, Knowledgebases tools)						
mail etc.), KM (Enterprise Portals, ECM, Search, Knowledgebases tools) Digital Output Management/Customer Communication Management						
Low Code tools Governance, Risk & Compliance Regulation Office productivity (office calendar,	GIS, WMS, transportation tools banking, insurance and other financial market					

VAS
Value Added Services
(professional services)

value added services
market

Value Added Servic	Finance Industry	
Organizational Transformation Consulting (organizational models, change mngt, product mng consulting, agite consulting, methodologies etc.)	management ALM & Development & Testing tools Implementation	Core Projects Transportation
Data & Al Strategy Consulting (organizational data structure, methodologies, data architecture planning, finding use cases, literacy)	ERP Implementations	Public (COVID19 & post 7/10)) Projects
IT Infrastructure & Cloud Consulting	HR & Talent Mngt & Payroll Implementations	e-payments Projects
Application Projects Consulting	CRM Implementations	Retail Projects
Customer Experience & Digitat Consulting (customer journeys, Customer Experience consulting, service design, Digital consulting) - decan't include UX	ITSM Implementation	Public (government) modernizations
Intelligent Automation & Process Optimization	E-Commerce and Marketplace Implementations	Location Based Projects
PMO/OCIO Consutting	Marketing Automation Implementations	Self-Service & Robots Projects
Cyber Security Consulting	Advanced Analytics, Data Science and ML projects	Tele-medicine Projects
Software Maintenance (3rd party)	Generative Al and LLM projects	Complete and/or application outsourcing (Client owns the HW)
Hardware Maintenance (3rd party)	Data management implementation (quality, ETL, catalogs)	Infrastructure Outsourcing (Infrastructure, storage mngt, DBA services)
Consolidation/ Virtualization/ Containers / Monitoring/ Storage/ Hardware/ Networking Projects	BI implementation / development	Call Centers/Help Desk Outsourcing Services
Software Integration (Middleware, SOA, APIMNO)	Data & Analytics Cloud migration (enterprises) (help in migrating DW and Data Lakes to the cloud)	FINOPS Services
Cyber Security Product Implementations	General Software Development	Cyber Security Services (MDR, Threat Intelligence, etc.)
Unified Communication Projects (IM, Video, Voice)	Product Design (UX)	SIEM as a Service
Consolidation/ Virtualization/ Containers/Monitoring/Storage/ Hardware/ Networking Projects/ DEVOPS	Professional Education, Coaching & Mentoring	CISO as a SERVICE
Software Integration (Middleware, SOA, APIMNG)	SW Testing & QA	Backup as a Service & DRaaS
Cyber security product implementations	Fruition & Implementation (הטמעה)	Printing Outsourcing Services (pay per click)
Unified Communication Projects (IM, Video, Voice)	Regulation Projects	Business Services as a Service- BSaaS (Salaries, Payments, BPO, etc.)
Cloud Migration end to end Projects (including SW development)	Governance, Risk and Compliance Management	Ne ar shore
Technological Innovation Projects	Contact Center and Multi channel engagement projects	Off shore
Automation tools (RPA, OCR) Implementations	Employee Collaboration, Task Management & Engagement Tools Implementations	Staff Augmentation (guigalot)
Blockchain projects	Knowledge Management (ECM, Portals, Search, Knowledgebases) Implementations	

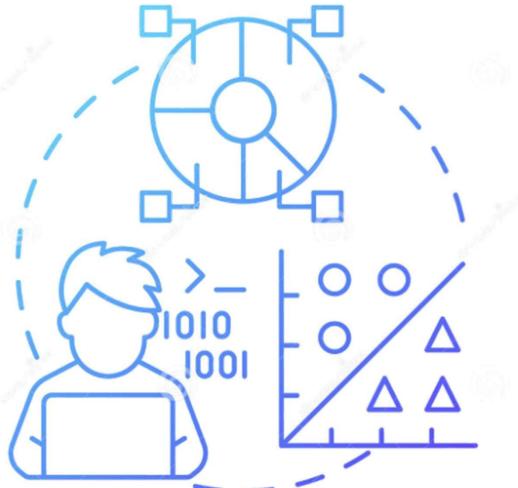
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Example of Market Sizes (this one is in software)

5		2018		2019		2020		2021		2022		2023		2024		2025		2026
EGRC	Governance, Risk & Compliance	\$20.00	24.50%	\$24.90	-19.68%	\$20.00	-10.00%	\$18.00	-22.22%	\$14.00	-3.57%	\$13.50	11.11%	\$15.00	13.33%	\$17.00	11.76%	\$19.00
EdnC	Regulation									\$8.00	-12.50%	\$7.00	21.43%	\$8.50	17.65%	\$10.00	20.00%	\$12.00
TOTALS	TOTALS	\$20.00	24.50%	\$24.90	-19.68%	\$20.00	-10.00%	\$18.00	22.22%	\$22.00	-6.82%	\$20.50	14.63%	\$23.50	14.89%	\$27.00	14.81%	\$31.00
-		2018		2019		2020		2021		2022		2023		2024		2025		2026
	Office productivity (office calendar, mail etc.), KM (Enterprise Portals, ECM, Search, Knowledgebases tools)	\$175.00	-6.86%	\$163.00	-3.07%	\$158.00	-1.90%	\$155.00	-9.68%	\$140.00	-7.14%	\$130.00	11.54%	\$145.00	10.34%	\$160.00	11.25%	\$178.00
knowledge and collaboration tools	Digital Output Management/Customer Communication Management	\$20.00	10.00%	\$22.00	13.64%	\$25.00	8.00%	\$27.00	7.41%	\$29.00	-13.79%	\$25.00	8.00%	\$27.00	11.11%	\$30.00	13.33%	\$34.00
	Employee Collaboration, Task Management & Engagement Tools	\$8.00	25.00%	\$10.00	50.00%	\$15.00	33.33%	\$20.00	15.00%	\$23.00	-8.70%	\$21.00	9.52%	\$23.00	10.87%	\$25.50	9.80%	\$28.00
TOTALS	TOTALS	\$203.00	-3.94%	\$195.00	1.54%	\$198.00	2.02%	\$202.00	-4.95%	\$192.00	-8.33%	\$176.00	10.80%	\$195.00	10.51%	\$215.50	11.37%	\$240.00
		2018		2019		2020		2021		2022		2023		2024		2025		2026
	BI and Data Discovery Tools	\$125.00	4.00%	\$130.00	7.69%	\$140.00	7.14%	\$150.00	3.33%	\$155.00	-1.94%	\$152.00	1.97%	\$155.00	6.45%	\$165.00	6.67%	\$176.00
analytics and data management tools	Data Mgmt. Tools (including data catalog, governance, ETL, quality)	\$45.00	11.11%	\$50.00	16.00%	\$58.00	3.45%	\$60.00	5.00%	\$63.00	-4.76%	\$60.00	-3.33%	\$58.00	3.45%	\$60.00	5.00%	\$63.00
	Data Science and ML/Al Tools	\$13.00	53.85%	\$20.00	45.00%	\$29.00	24.14%	\$36.00	13.89%	\$41.00	-14.63%	\$35.00	22.86%	\$43.00	23.26%	\$53.00	26.42%	\$67.00
TOTALS	TOTALS	\$183.00	9.29%	\$200.00	13.50%	\$227.00	8.37%	\$246.00	5.28%	\$259.00	-4.63%	\$247.00	3.64%	\$256.00	8.59%	\$278.00	10.07%	\$306.00



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Calculating rankings of 710 vendors in 150 categories based on:

- 1. Vendor Briefings
- 2. Survey Results (vendors)
- 3. Survey Results (user mindshare)
- 4. Analysts' knowledge of vendor value to users
- 5. Data of 32 years



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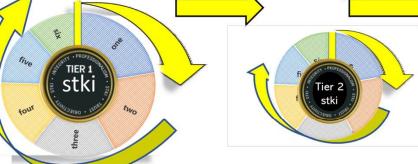
The Area a company occupies in the circle is VIPLEASE NOTE not relevant and has no meaning. PLEASE NOTE STKI has signed NDAs with the vendors (revenues, projects) and we tried to

> minimize opportunities for backward engineering of the data.

Tier One Companies Smaller Companies

Small Boutique company or department

STKI calculates market sizes by revenues/sales and not deliveries or invoices





STKI ranks vendors by REVENUE and CLIENT MINDSHARE



rankings are based partly on new projects, new names and market penetration growth

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"Israeli Positioning" for products

NOT a technological or functional positioning and SHOULD NOT be used as such. This positioning is intended to reflect ONLY THE DEGREE to which a product is PRESENT AND SUPPORTED IN ISRAEL

Focused on the enterprise sector (not SMB)

X axis (Market Presence): Installed base; New sales; Mindshare

Y axis (Local ISRAELI Support):

Number and quality of support experts; localization; local R&D



<u>Vendors to watch:</u> New players that only recently entered the market and therefore cannot be evaluated against longtime players

Market Presence



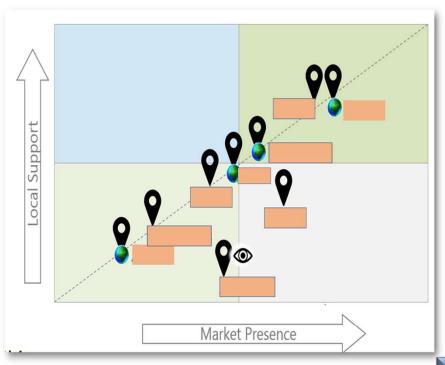
Global leaders: marked according to international analyst firms



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Y axis (Local Support):

Number and quality of support experts, it's localization and language support and if there is local R&D



X axis (Market Presence)

Installed base; New sales; Mindshare



Global leaders

according to international analyst firms



Vendors to watch

New players that only recently entered the market and therefore cannot be evaluated against longtime players

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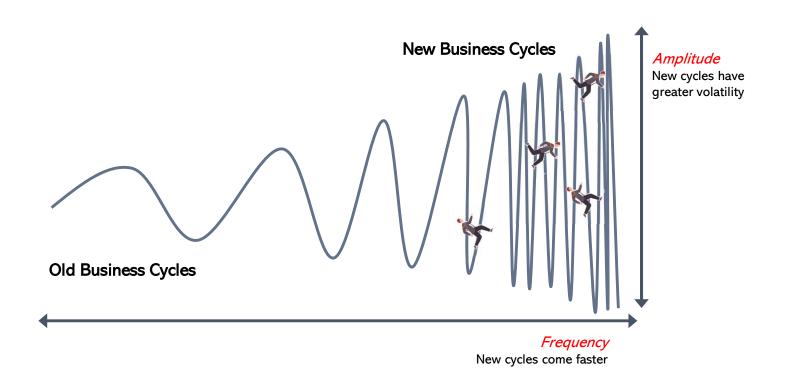


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THE ISRAELI BUSINESS WORLD IS CHANGING companies must do **more with less (and fast)**





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Israel GDP grows by 14% in Q1 2024 after slump in late 2023



- The Israeli economy recovered from some of the worst effects of the war in Gaza
 at the start of the year, returning to growth after a heavy setback in the final
 months of 2023 (contraction of close to 22% in the last quarter of 2023)
- The Central Bureau of Statistics said in an initial estimate that the Israel GDP grew at an annualized rate of 14.1% in Q1 2024 from the prior three months, just shy of a Reuters consensus of 15.3%.
- The war derailed nearly two years of continuous growth in the Israeli economy.
- The war has precipitated severe labor shortages within Israel,
- Despite the ongoing war, many economic indicators such as private
 consumption and investment have shown signs of recovery, though they have
 not returned to pre-war levels. Military spending continues to inflate public
 consumption figures.

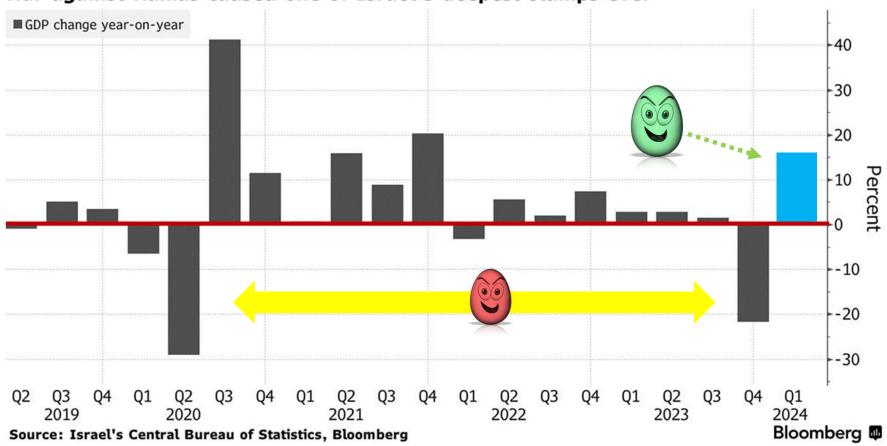


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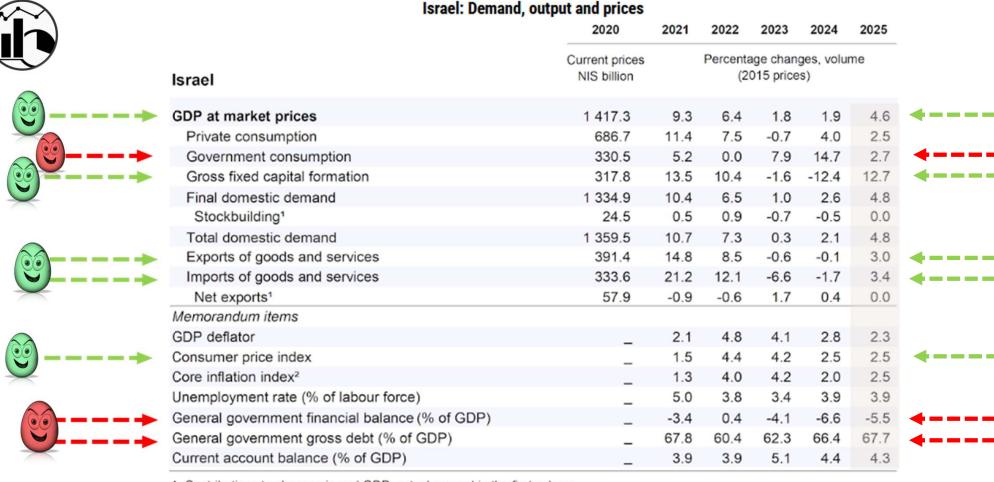
Israel's Economy Rebounds Sharply

War against Hamas caused one of Israel's deepest slumps ever





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Consumer price index excluding food and energy.Source: OECD Economic Outlook 115 database.

StatLink https://stat.link/61y2lg



OECD Economic Outlook, Volume 2024 Issue 1



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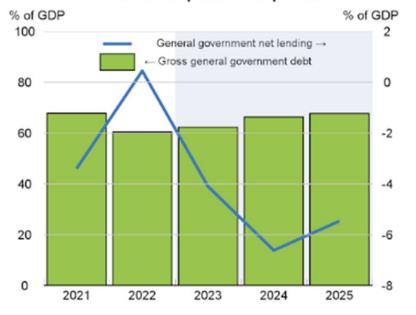
OECD Economic Outlook, Volume 2024 Issue 1

Israel: Inflation and fiscal indicators

Inflation remains below 3%

Headline inflation Core inflation Headline inflation Core inflation The inflation Core inflat

The war has deepened fiscal pressures





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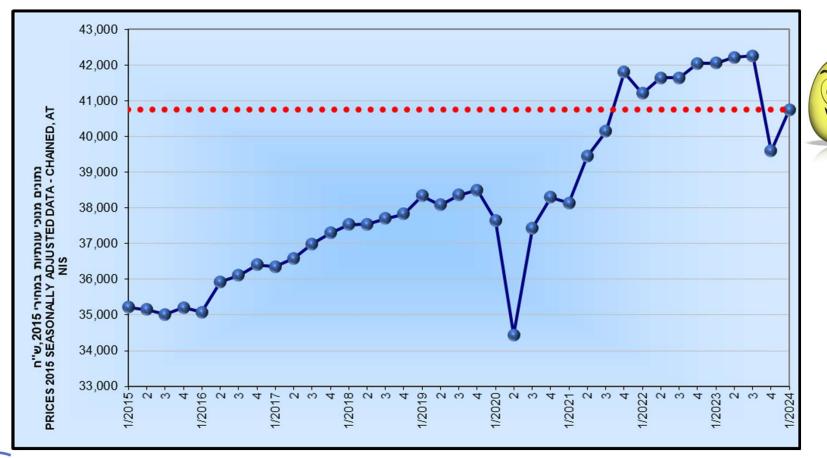
StatLink https://stat.link/zc2t58



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תוצר מקומי גולמי לנפש Gross Domestic Product per Capita



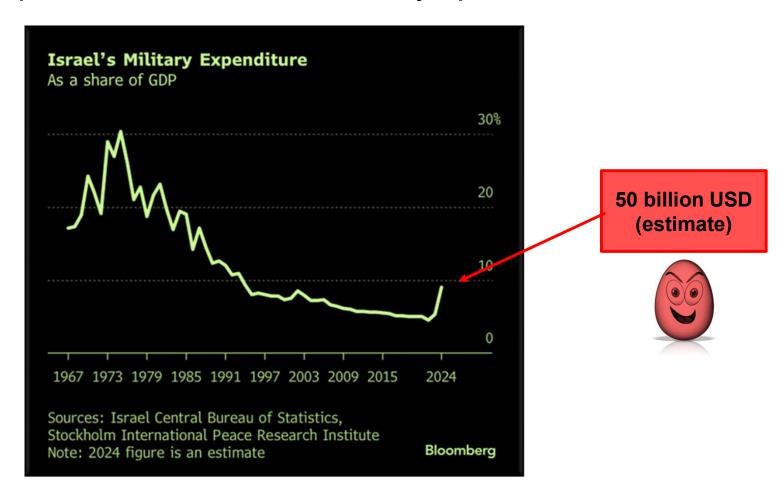




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Expected Slice of GDP for TOTAL Military Expenditures in 2024

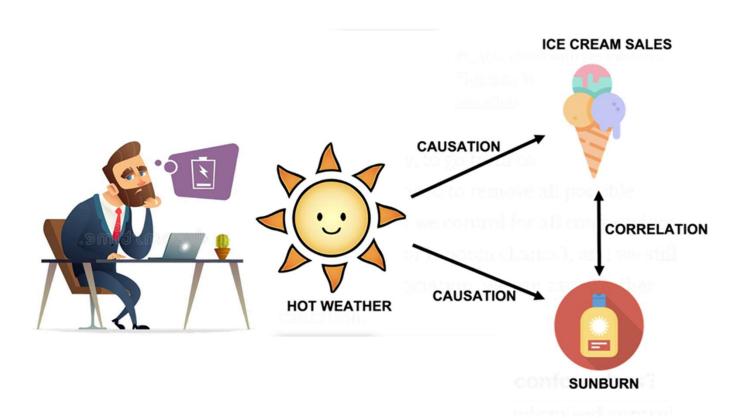




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How we check our economic forecasts

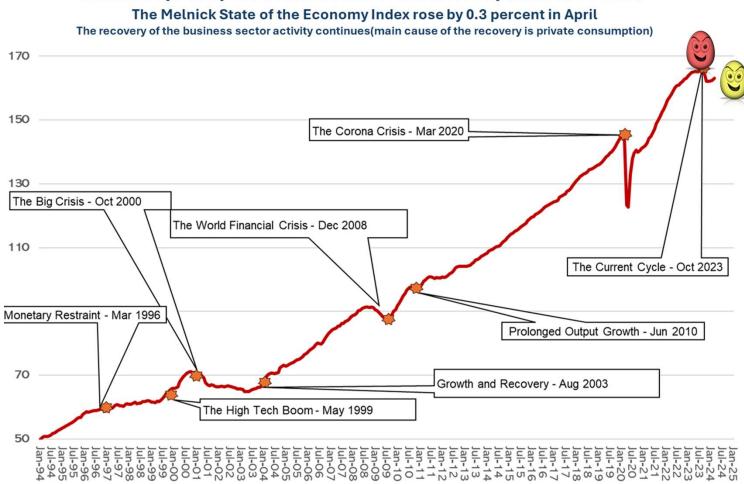




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Business Cycles by the Melnick State of the Economy Index 1994-2024





Prof. Rafi Melnick, Reichman University

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The Melnick State of the Israeli Economy Data



<u>THE BUSINESS SECTOR</u> continues to grow although the level of economic activity has not yet returned to pre-war levels. <u>THE REVENUE IN COMMERCE AND SERVICES</u> continues to rise and is the main factor for economic growth in the second quarter of 2024.

THE NUMBER OF EMPLOYEE posts in the business sector remains unchanged and reflects stability in the labor market.



<u>THE INDUSTRIAL PRODUCTION INDEX</u> remains low and probably reflects a slow return to activity in the industry. <u>THE IMPORT INDEX</u>, corrected itself downward this month. It is possible that the jump in imports recorded the previous month was temporary.

				Employee		
		Revenue in		posts in the	The Melnick	The change
	Industrial	commerce	Imports	business	Index	the index
Date	production	and services	index	sector (a)		(percent)
Jul-23	132.3	174.8	155.4	2,684	164.6	0.1
Aug-23	139.5	178.5	152.3	2,707	165.1	0.3
Sep-23	133.3	171.1	148.7	2,720	165.3	0.1
Oct-23	125.3	147.4	141.2	2,627	163.1	-1.3
Nov-23	128.1	152.7	139.7	2,538	161.2	∳ -1.2
Dec-23	123.9	165.1	139.5	2,581	161.2	0.0
Jan-24	127.2	172.6	140.4	2,600	161.4	0.1
Feb-24	5123.9	171.1	149.3	2,599	161.5	0.1
Mar-24	123.5	172.5	161.0		162.0	0.3
Apr-24	_		148.1		162.5	0.3

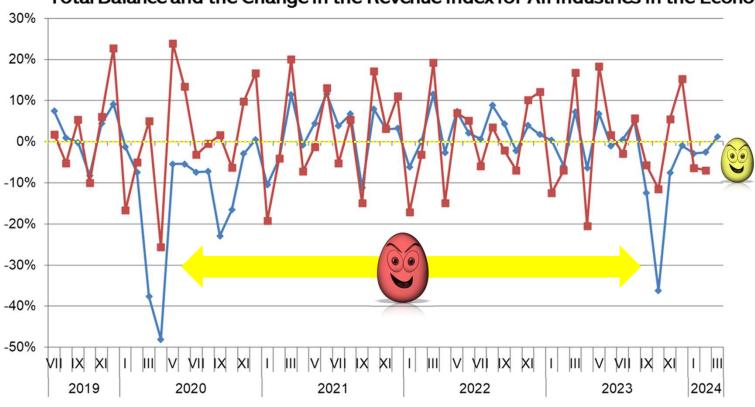


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Business Tendency Survey

מאזן כולל והשינוי במדד הפדיון לכלל ענפי המשק (נתונים מקוריים במחירים קבועים) Total Balance and the Change in the Revenue Index for All Industries in the Economy



level of optimism that executives have about current and expected developments regarding production, sales, demand, employment and changes in the USDILS exchange rate.





→ מאזן כולל חדש

תשינוי במדד הפדיון לכלל ענפי המשק

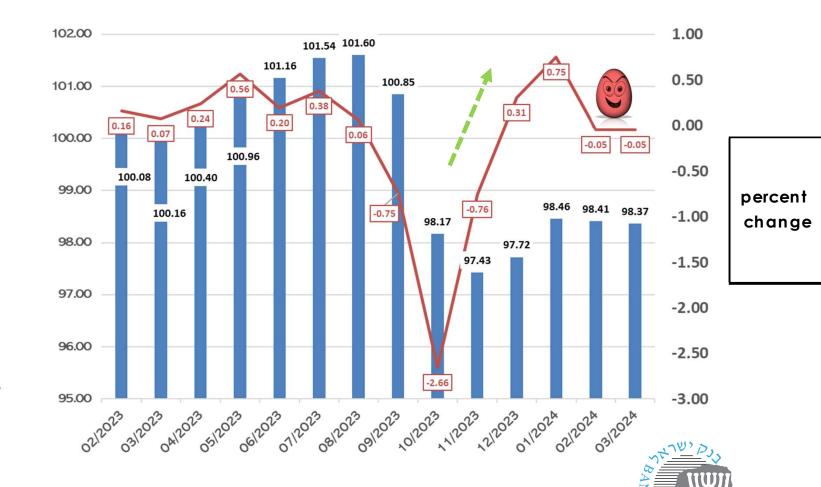
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State-ofthe-Economy Index level

The Composite State of the Economy Index

is a synthetic indicator for examining the *direction of the development of real economic activity, in real time*

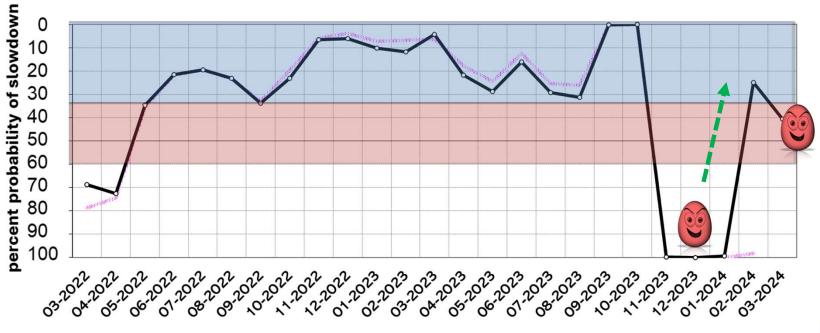




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Probability of slowdown relatively to the long-term growth







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Israel Purchasing Managers Index

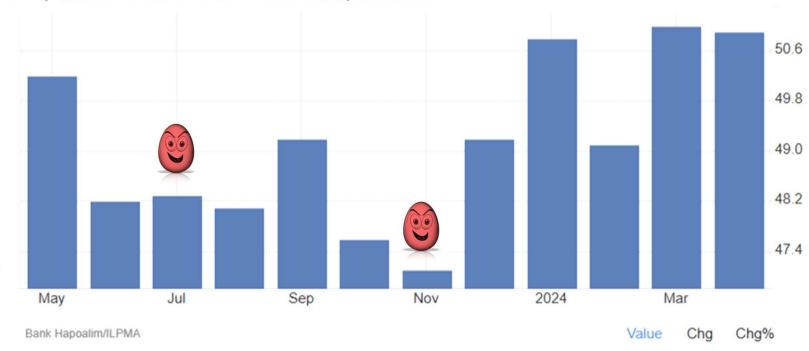
PMI: Seasonally Adjusted (sa) bank hapoalim



Manufacturing PMI in Israel decreased to 50.90 points in April from 51 points in March of 2024. Manufacturing PMI in Israel averaged 50.73 points from 2003 until 2024, reaching an all time high of 67.20 points in December of 2016 and a record low of 27.80 points in December of 2008. source: Bank Hapoalim/ILPMA

PMI summarizes whether market conditions, as viewed by purchasing managers, are expanding, staying the same, or contracting.

The purpose of the PMI is to provide information about current and future business conditions to company decision makers, analysts, and investors.





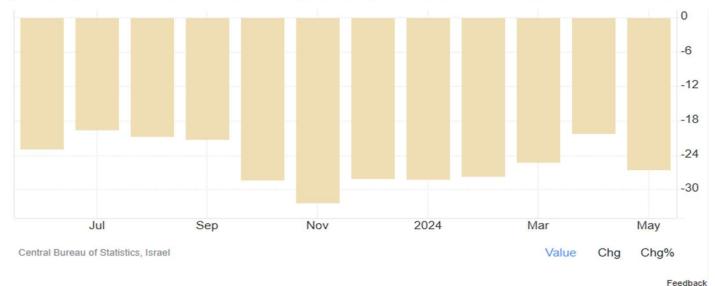
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Israel: Consumer Confidence Index (מדד אמון הצרכנים)

Consumer Confidence in Israel decreased to -26.49 points in May 2024, the lowest in three months, from -20.14 points in April. Consumer Confidence in Israel averaged -17.55 points from 2011 until 2024, reaching an all time high of 15.09 points in April of 2021 and a record low of -38.47 points in September of 2012. source: Central Bureau of Statistics, Israel





Calendar	GMT	Reference	Actual	Previous	Consensus	TEForecast
2024-05-09	10:30 AM	Apr	-20	-25.2		-25
2024-06-10	10:50 AM	May	-26.5	-20.1		-18
2024-07-10	10:30 AM	Jun		-26.5		-17





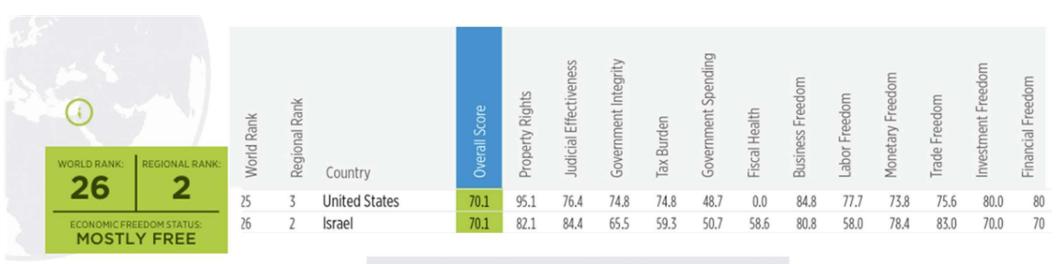
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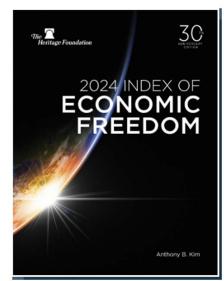
ECONOMIC FREEDOM: REGIONAL VARIATIONS (REGIONAL AVERAGE)

Regional Ranking Middle East/
North Africa (57.4)

1 United Arab Emirates
2 Israel
3 Qatar









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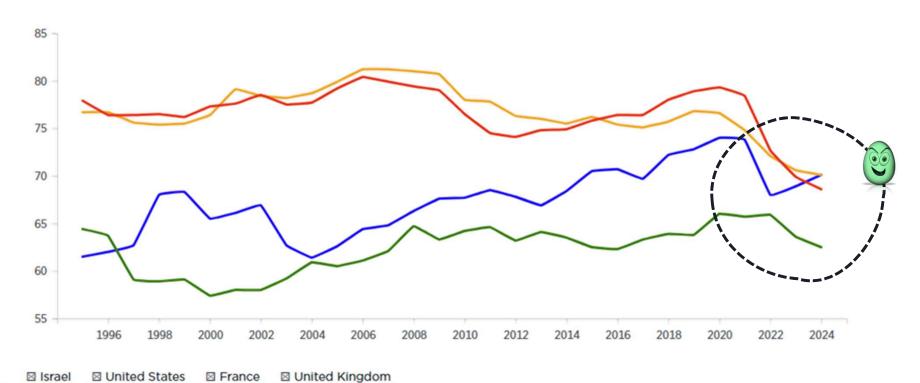
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COMPARE COUNTRIES





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2024-2026 era of transformations

- Digital Transformation
- Data Transformation
- Al Transformation
- Cloud (infrastructure services)Transformation
- Cloud (software) Transformation
- E(verything)as a Service Transformation
- Intelligent Automation Transformation
- Human Transformation
- Others Transformation

There are **three trends nobody talks** about (people trying to ignore them) but **they influence everything**



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"Would it be so bad if the CEO, CFO & CIO could see you?"

There are three invisible trends:

- Technical Debt outdated "everything "and inability to integrate applications and/or processes.
- 2. CapEx to OpEx a shift from capital expenditures to operational expenditures, which has significant implications for budgeting decisions.
- 3. Trust the idea that a single vendor cannot do the whole project.



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How much does unplanned IT downtime really cost?

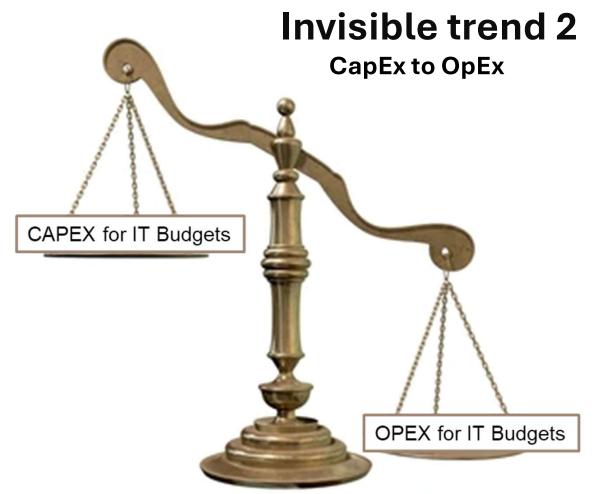
Invisible trend 1 "Technical Debt"

- Age of most senior manpower employees (that hold important application software knowledge) is over 65
- Outdated infrastructure (software/ hardware)
- Outdated software (several versions behind latest vendor version)
 - ERP and/or CRM
- Outdated data management tools (ETL, DW, BI)
- Core systems based on outdated technologies (not in itself broken systems) but are critical to day-to-day operations
- Inability to integrate applications or processes (in-house or partners)
- Missing documentation
- Un-commented configuration
- Un-documented code changes



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CapEx to OpEx

Israel's Enterprises are behind most of the rest of the world in moving most IT expenses from CAPEX to OPEX, although there has been a move (last 4 years) from OPEX of 40%-50% to (in some cases) 80%-85%

Israel's High-Tech and Startups are cloud native and by definition have OPEX IT budgets

CAPEX appears on the balance sheet (מאזן)
OPEX appears on the income statement (דות רוות והפסד)

Example of the change: IT Procurement Approval Process

- CapEx purchases often go through a rigorous approval process due to their size and impact on financial statements.
- OpEx expenses tend to be lower in individual cost, leading to a quicker and less complex approval cycle but very dangerous



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Why CFOs don't like the move: Implications in Financial Metrics



- **Profit Margins:** An <u>increase in OPEX could lead to a decrease in operating</u> <u>profit margins in the short term</u> because these costs are expensed when incurred, whereas CAPEX is spread out over several years through depreciation.
- EBITDA: may decrease in the short term due to the increase in operating expenses.
- Return on Assets (ROA) and Return on Investment (ROI): These metrics
 could <u>improve because shifting to an OPEX model often means fewer assets</u> on the
 balance sheet.
- Cash Flow: Shifting to an OPEX model can lead to smoother and more predictable
 cash flows, since costs are spread out evenly over time. However, total cash
 outflows may increase over the long term.



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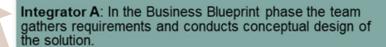


Invisible trend 3

TRUST: "why a single" vendor cannot should do the whole project?



Consultant: In this phase the project formally is initiated, and planning gets under way.



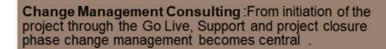


Today, time, money and knowledge is lost because different vendors do separate parts.



We "should" have learned to "either" trust the vendor for consulting, implementation, testing and fruition or we hire a different vendor Integrator B: In the development phase the system solution is built

Fruition Vendor: In Final Preparation phase the integration is tested, end users trained and the authorization to cut over to new system solution is done.





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Number of Companies in Israel 2023

number of	2016	2017	2018	2019	2020	2021	2022			2023		
employees	number of companies (paying taxes)	number of employees v2	number of companies (paying taxes)	% of TOTAL	sub	totals						
251+	1,622	1,796	1,711	1,696	1,498	1,712	1,802	251+	1,786	0.58%	4	1 2 0/
101-250	2,752	2,817	2,708	2,738	2,173	2,663	2,757	101-250	2,688	0.88%	1.4	16%
0	17,995	18,470	4,725	4,849	3,554	4,701	4,955	51-100	4,679	1.55%	1.55%	1.55%
	52,265	52,970	38,857	38,760	30,938	38,532	40,270	10-50	39,689	13.13%	13.13%	98.10%
5	192,641	197,928	231,609	235,210	234,128	240,910	252,571	2 to 9	256,932	84.98%	84.98%	90.10%
totals	267,275	273,981	279,610	283,253	272,291	288,518	302,355	:	305,774		to	tals
	ACCORDING TO BITUACH LEUMI 2/2017	ACCORDING TO BITUACH LEUMI 2/2018	ACCORDING TO BITUACH LEUMI 2/2019	ACCORDING TO BITUACH LEUMI 2/2020	ACCORDING TO BITUACH LEUMI 2/2021	ACCORDING TO BITUACH LEUMI 4/2022	ACCORDING TO BITUACH LEUMI 5/2023	ACCOR	RDING TO BITUA	CH LEUMI 5,		המוסד לביטוח





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Number of Companies 2023 (by Industry) page 1

עסקים פעילים, לפי ענף כלכלי (1)

הלשכה המרכזית לסטטיסטיקה	
Central Bureau of Statistics	
دانرة الإهصاء المركزية	

Industry							r compa		1	total	self employed & companies without	total active
	100+	75-100	50-74	40-49	30-39	20-29	10-19	5-9	1-4(2)		employees	business
number of companies	4,415	1,650	3,360	2,629	4,204	8,610	25,046	47,135	216,557	313,606	370,550	684,156
Information and communications	416	165	292	188	302	560	1,259	1,776	8,094	13,052	14,045	27,097
Telecommunications, computer programming and consultancy and related activities, information service activities	391	160	278	172	286	519	1,158	1,590	7,070	11,624	11,175	22,799
Financial and insurance activities	78	30	49	35	57	157	515	1,365	7,572	9,858	8,481	18,339
Real estate activities	19	8	28	12	34	86	323	882	9,035	10,427	33,534	43,961
Professional, scientific and technical activities	220	120	250	216	321	883	2,972	6,394	41,511	52,887	85,152	138,039
Administrative and support service activities	409	105	235	149	196	430	1,055	1,801	8,027	12,407	13,015	25,422
Local, public and defence administration and social security	282	28	45	14	30	87	85	121	318	1,010	13	1,023
Education	433	158	271	205	315	511	1,170	1,702	5,721	10,486	14,350	24,836
Human health and social work activities	421	103	179	114	175	321	1,017	2,255	14,170	18,755	37,448	56,203
Human health activities	111	24	50	34	62	150	554	1,494	10,545	13,024	33,728	46,752
Residential care and social work activities	310	79	129	80	113	171	463	761	3,625	5,731	3,720	9,451
Arts, entertainment and recreation	79	44	90	71	114	241	685	1,039	5,113	7,476	18,415	25,891
Other service activities; extraterritorial organizations and bodies	229	74	138	88	165	322	747	1,381	9,598	12,742	17,240	29,982



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Number of Companies 2023 (by Industry) page 2

הלשכה המרכזית לסטטיסטיקה Central Bureau of Statistics עסקים פעילים, לפי ענף כלכלי (2) دائرة الإحصاء المركزية self employed & number of employees per company total active Industry total companies without business 30-39 20-29 100+ 75-100 50-74 40-49 10-19 5-9 1-4(2) employees 2.629 313,606 number of companies 4,415 1.650 3.360 4,204 8.610 **25,046** 47,135 216,557 370.550 684.156 87 57 136 114 174 337 1.020 1.472 4.262 7.659 7.634 15,293 Agriculture, forestry and fishing 646 220 385 255 412 704 1.793 2.601 Manufacturing; mining and quarrying 7.815 14,831 7.898 22,729 Electricity and water supply, sewerage and waste 24 22 32 56 917 1.029 10 27 118 145 483 1.946 management 32.984 Construction 164 64 161 186 306 768 3.144 8.010 45.787 33.324 79,111 10.822 Wholesale and retail trade and repair of motor vehicles 473 225 504 435 761 1.623 5.379 41.073 61.295 39.380 100,675 38 29 53 78 213 648 1,480 5.537 8.122 46 4.831 Wholesale and retail trade and repair of motor vehicles 12,953 3,494 1.936 9,172 191 105 229 174 311 702 11,490 18.632 27.804 Wholesale trade, except motor vehicles 244 2.795 91 229 208 372 708 5.848 24,046 34,541 25,377 59,918 Retail trade, except motor vehicles 53 126 98 155 337 1,047 30,360 Transportation, storage, postal and courier activities 153 2,126 11,179 15,274 45.634 6 5 Postal and courier activities 13 23 72 142 990 1,267 2,571 3,838 282 186 444 427 655 1,187 2.717 3,243 9.602 18,743 9,232 27,975 Accommodation and food service activities



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IT BUDGETS (cash-out NOT opex/capex accounting)includes some other expenses													FORECASTED				
industry	Budgets 2018	change from 2018	Budgets 2019	change from 2019	Budgets 2020	change from 2020	Budgets 2021	change from 2021	Budgets 2022	change from 2022	Budgets 2023	change from 2023	Budgets 2024	change from 2024	Budgets 2025		
government	\$1,630	5.95%	\$1,727	-16.04%	\$1,450	4.14%	\$1,510	15.89%	\$1,750	2.86%	\$1,800	8.33%	\$1,950	10.26%	\$2,150		
security	\$525	2.29%	\$537	2.42%	\$550	5.45%	\$580	17.24%	\$680	10.29%	\$750	20.00%	\$900	9.44%	\$985		
education	\$292	4.45%	\$305	14.75%	\$350	17.14%	\$410	14.63%	\$470	-4.26%	\$450	2.22%	\$460	10.87%	\$510		
health	\$350	-2.86%	\$340	14.71%	\$390	15.38%	\$450	6.67%	\$480	-4.17%	\$460	-1.09%	\$455	14.29%	\$520		
utilities	\$215	-2.33%	\$210	11.90%	\$235	6.38%	\$250	4.00%	\$260	-19.23%	\$210	-4.76%	\$200	5.00%	\$210		
transport	\$340	7.35%	\$365	10.96%	\$405	11.11%	\$450	22.22%	\$550	-3.64%	\$530	-3.77%	\$510	1.96%	\$520		
banks	\$920	10.87%	\$1,020	-6.86%	\$950	-3.16%	\$920	6.52%	\$980	-7.14%	\$910	-3.30%	\$880	3.98%	\$915		
insurance	\$405	3.70%	\$420	3.57%	\$435	3.45%	\$450	7.78%	\$485	-7.22%	\$450	-3.33%	\$435	9.20%	\$475		
fin other	\$310	29.03%	\$400	12.50%	\$450	13.33%	\$510	13.73%	\$580	-3.45%	\$560	-5.36%	\$530	9.43%	\$580		
manuf	\$875	-1.71%	\$860	-2.33%	\$840	7.14%	\$900	-2.22%	\$880	-7.39%	\$815	-2.45%	\$795	3.77%	\$825		
retail	\$238	-3.36%	\$230	8.70%	\$250	18.00%	\$295	3.39%	\$305	-1.64%	\$300	6.67%	\$320	7.81%	\$345		
high tech	\$842	7.01%	\$901	38.73%	\$1,250	32.00%	\$1,650	9.09%	\$1,800	-8.33%	\$1,650	-6.06%	\$1,550	8.39%	\$1,680		
IT local vendors	\$165	9.09%	\$180	-2.78%	\$175	2.86%	\$180	1.11%	\$182	-5.49%	\$172	-6.98%	\$160	-1.25%	\$158		
telecomm	\$230	13.04%	\$260	-5.77%	\$245	-6.12%	\$230	-6.52%	\$215	-6.98%	\$200	-7.50%	\$185	18.92%	\$220		
media	\$180	11.11%	\$200	15.00%	\$230	8.70%	\$250	4.00%	\$260	-9.62%	\$235	-8.51%	\$215	16.28%	\$250		
SMB/SME	\$410	-6.10%	\$385	-11.69%	\$340	17.65%	\$400	20.00%	\$480	-6.25%	\$450	-4.44%	\$430	11.63%	\$480		
in M USD	\$7,927	5.21%	\$8,340	2.46%	\$8,545	10.42%	\$9,435	9.77%	\$10,357	-4.01%	\$9,942	O.33%	\$9,975	8.50%	\$10,823		



all amounts in M \$ USD

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Internal Budgets variance can only be explained by economic changes (corona, war, etc.) explained in previous chapters

	2018	change from 2018	2019	change from 2019	2020	change from 2020	2021	change from 2021	2022	change from 2022	2023	change from 2023	2024	change from 2024	2025
industry budgets	\$7,927	5.21%	\$8,340	2.46%	\$8,545	10.42%	\$9,435	9.77%	\$10,357	-4.01%	\$9,942	0.33%	\$9,975	8.50%	\$10,823
IT market totals	\$6,903	9.88%	\$7,585	3.63%	\$7,860	10.62%	\$8,695	6.90%	\$9,295	-3.16%	\$9,001	3.02%	\$9,273	8.20%	\$10,033
internal budgets	\$1,024	-26.27%	\$755	-9.27%	\$685	8.03%	\$740	43.51%	\$1,062	-11.39%	\$941	-25.40%	\$702	12.54%	\$790

all amounts in M \$ USD



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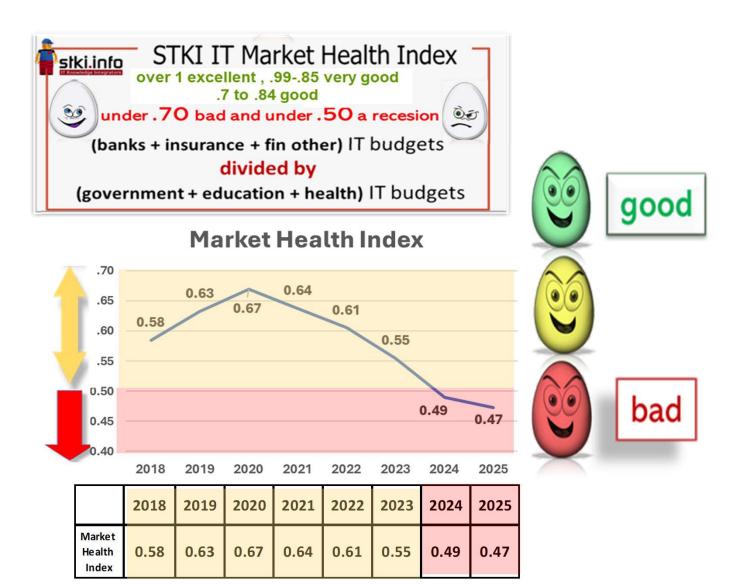


			ar	nalysis	of buc	lg	ets 2024 &	2025	all	amount	s in M \$	USD
industry	Budgets 2024	% total	Market size	% total	industry		industry	Budgets 2025	% total	Market size	% total	industry
government	\$1,950	20%					government	\$2,150	20%			
security	\$900	9%	\$3,765	37.74%	6 public		security	\$985	9%	\$4,165	41.31%	public
education	\$460	5%					education	\$510	5%			
health	\$455	5%					health	\$520	5%			
utilities	\$200	2%			utilities/		utilities	\$210	2%			utilities/
transport	\$510	5%	\$710	7.12%	transport		transport	\$520	5%	\$730	6.74%	transport
banks	\$880	9%					banks	\$915	8%			
insurance	\$435	4%	\$1,845	18.50%	financial		insurance	\$475	4%	\$1,970	18.20%	financial
fin other	\$530	5%					fin other	\$580	5%			
manuf	\$795	8%	\$1,115	11.18%	manuf/		manuf	\$825	8%	\$1,170	10.81%	manuf/
retail	\$320	3%	31,113	11.18%	retail		retail	\$345	3%	\$1,170	10.81%	retail
high tech	\$1,550	16%			high		high tech	\$1,680	16%			high
IT local vendors	\$160	2%	\$1,710	17.14%	high tech/IT		IT local vendors	\$158	1%	\$1,838	16.98%	tech/IT
telecomm	\$185	2%	¢400	4.040/	telecomm		telecomm	\$220	2%	¢470	4.240/	telecom
media	\$215	2%	\$400	4.01%	/ media		media	\$250	2%	\$470	4.34%	m/ media
SMB/SME	\$430	4%	\$430	4.31%	SMB		SMB/SME	\$480	4%	\$480	4.43%	SMB
in M USD	\$9,975	100%	\$9,975	100%	in M USD		in M USD	\$10,823	100%	\$10,823	103%	in M USD



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OPPORTUNITIES according to IT Budgets

government	\$1,950
high tech	\$1,550
security	\$900
banks	\$880
manuf	\$795
fin other	\$530
transport	\$510
education	\$460
health	\$455
insurance	\$435
SMB/SME	\$430
retail	\$320
media	\$215
utilities	\$200
telecomm	\$185
IT local vendors	\$160







government	\$2,150
high tech	\$1,680
security	\$985
banks	\$915
manuf	\$825
fin other	\$580
health	\$520
transport	\$520
education	\$510
SMB/SME	\$480
insurance	\$475
retail	\$345
media	\$250
telecomm	\$220
utilities	\$210
IT local vendors	\$158

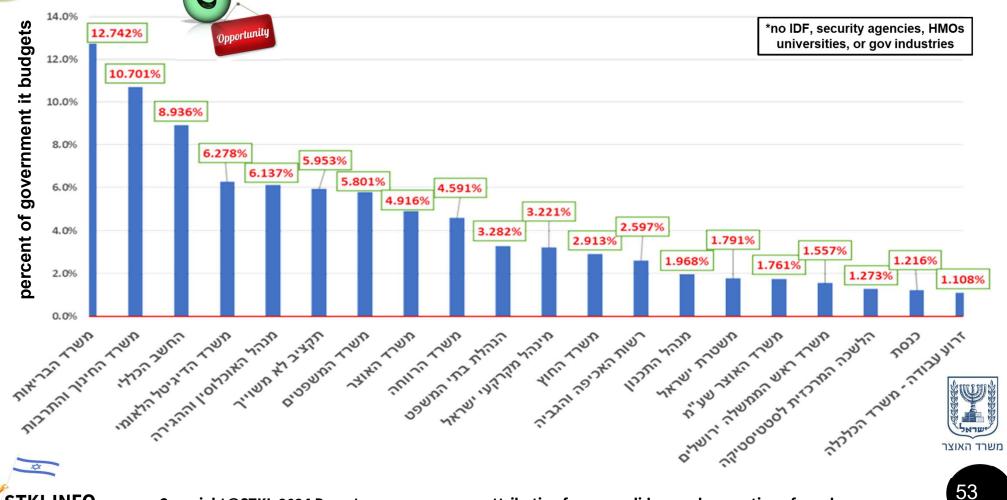
2025



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Expected Slice of Government IT Budgets 2024*

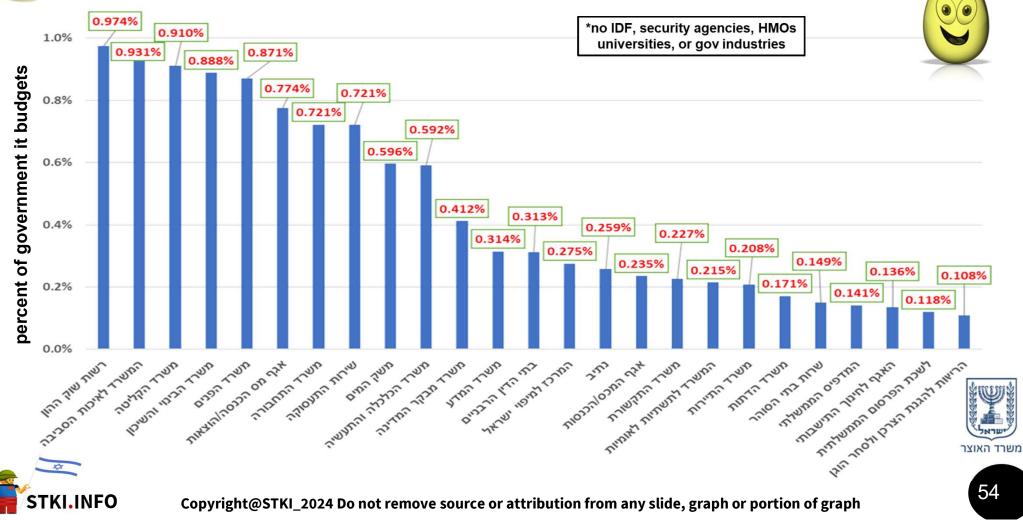




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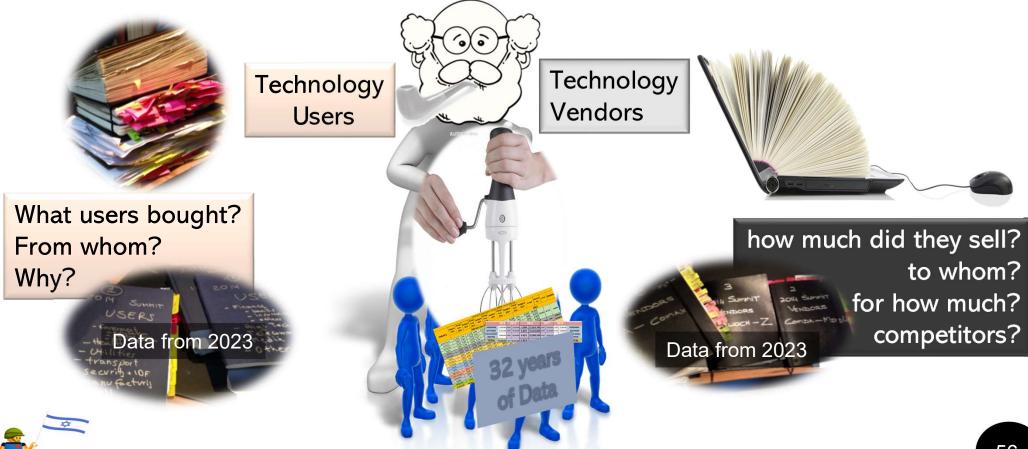
Expected Slice (2) of Government IT Budgets 2024*







In order to calculate the "IT Market" (what is bought/sold in Israel)



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IT Market 2018-2026

	2018	2019	2020	2021	2022	2023	2024	2025	2026
TOTALS IT MARKET	\$6,902.65	\$7,585.20	\$7,859.50	\$8,695.30	\$9,294.80	\$9,000.50	\$9,272.00	\$10,031.50	\$10,987.00
% change IT Market		8.66%	8.86%	10.51%	6.90%	-3.26%	2.95%	8.17%	9.52%



Values in Million USD

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FORECAST

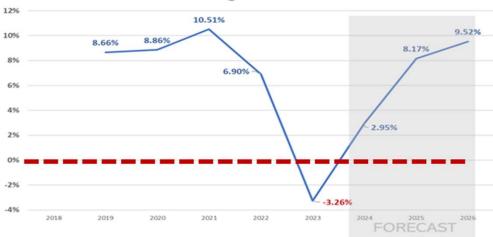
IT Market 2018-2026

TOTALS IT MARKET

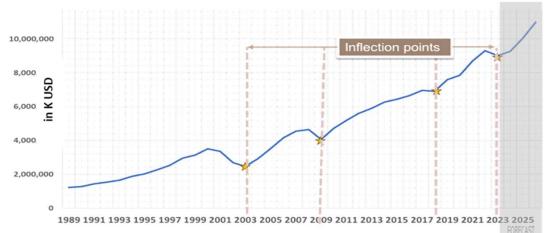


IT Market 2018-2026

% change IT Market



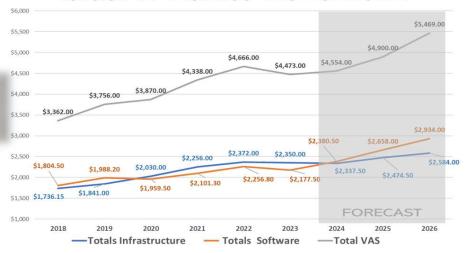
Israeli IT Market 1989-2026







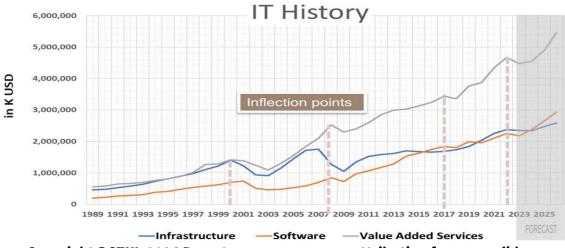
Israeli IT Market 2018-2024



Israeli IT Market (% change) 2018-2026



IT Market 1989-2026



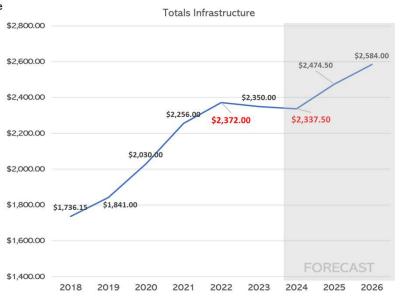
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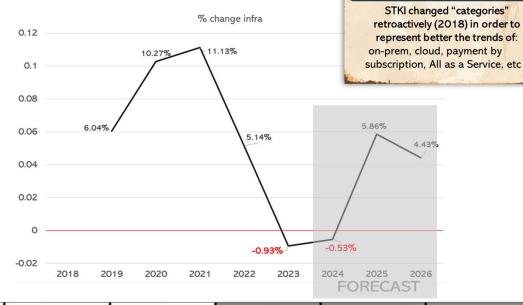






Infrastructure Market 2018-2026





2018	2019	2020	2021	2022	2023	2024	2025	2026
\$1,736.15	\$1,841.00	\$2,030.00	\$2,256.00	\$2,372.00	\$2,350.00	\$2,337.50	\$2,474.50	\$2,584.00
	6.04%	10.27%	11.13%	5.14%	-0.93%	-0.53%	5.86%	4.43%



Values in Million USD

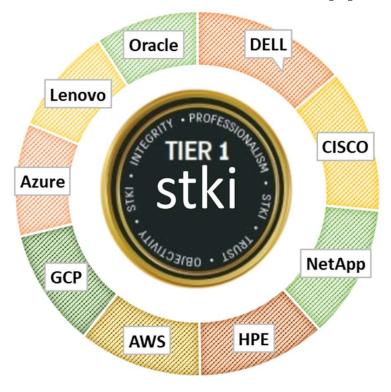
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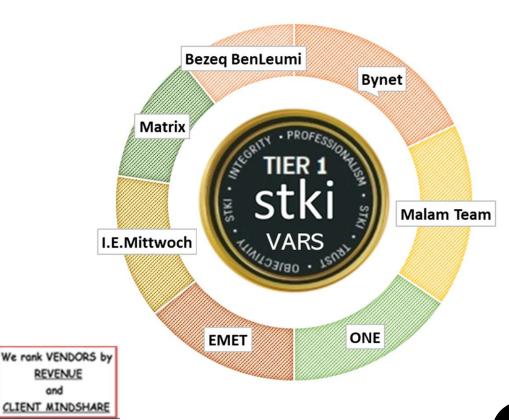


TOP VENDORS: Hardware-Infrastructure Markets

Infrastructure Suppliers

Infrastructure VARS







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Infrastructure Categories

Servers & Appliances

page: 93

Client PCs

page: 101

Enterprise Storage

page: 104

Networking, Call Centers Security Appliances

page: 110

Data Center Equipment Colocation & Self Service

page: 93

General Cloud Consumption

page: 122





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EXAMPLE:

General Purpose Cloud **Enterprise** Consumption Market 2018-2026

	2018		2019		2020		2021		2022		2023		2024		2025		2026
General Purpose Cloud Enterprise Consumption	\$130.00	30.77%	\$170.00	17.65%	\$200.00	30.00%	\$260.00	38.46%	\$360.00	5.56%	\$380.00	10.53%	\$420.00	14.29%	\$480.00	14.58%	\$550.00
TOTALS	\$130.00	30.77%	\$170.00	17.65%	\$200.00	30.00%	\$260.00	38.46%	\$360.00	5.56%	\$380.00	10.53%	\$420.00	14.29%	\$480.00	14.58%	\$550.00

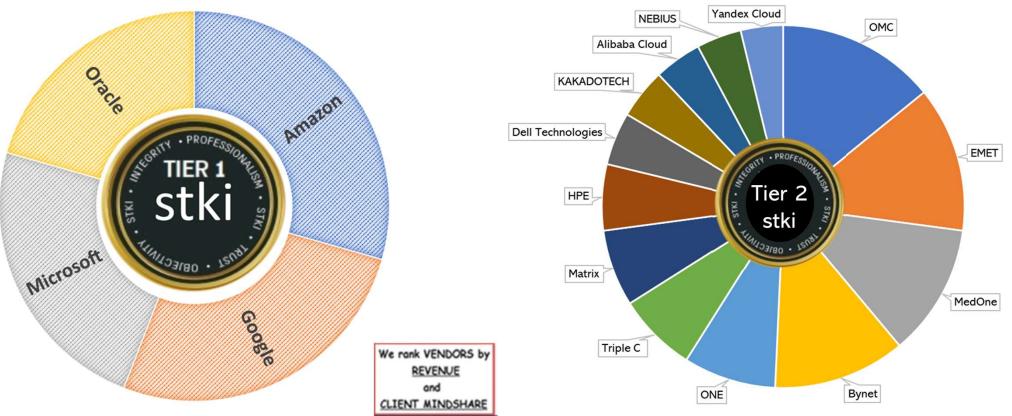


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General Purpose Cloud Consumption

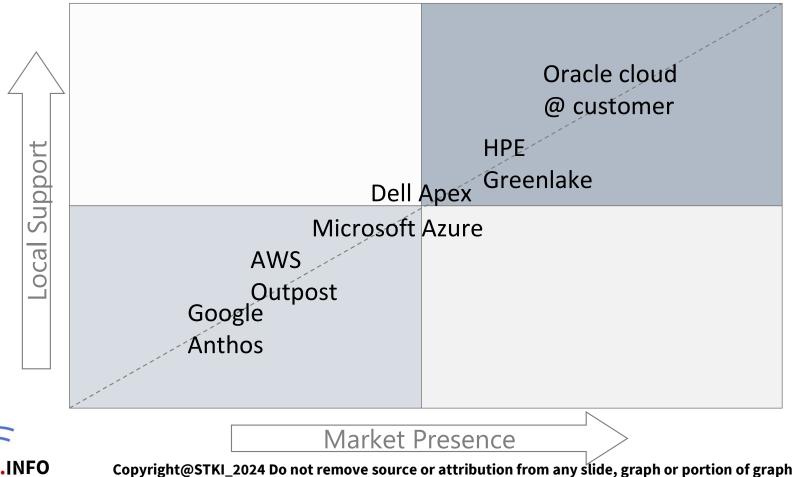




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CLOUD ON PREMISE Enterprises- market presence 2024



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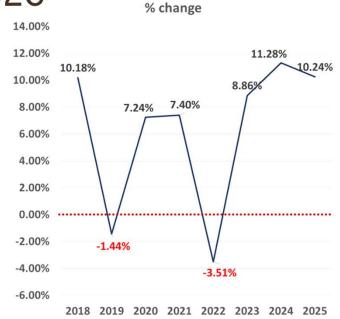




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Software (on-prem & cloud) Market 2018-2026





STKI changed "categories" retroactively (2018) in order to represent better the trends of: on-prem, cloud, payment by subscription, All as a Service, etc

Values in Million USD

*	10.18%	-1.44%	7.24%	7.40%	-3.51%	8.86%	11.28%	10.24%
\$1,804.50	\$1,988.20	\$1,959.50	\$2,101.30	\$2,256.80	\$2,177.50	\$2,370.50	\$2,638.00	\$2,908.00
2018	2019	2020	2021	2022	2023	2024	2025	2026

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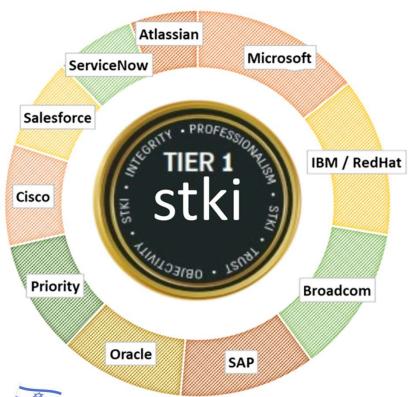
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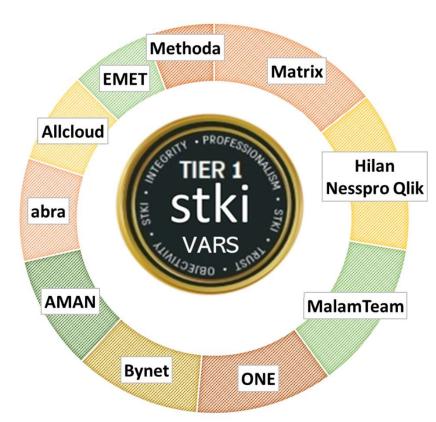
TOP VENDORS: Software Markets

Software Companies

Software VARS









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SOFTWARE CATEGORIES

Storage & Backup Tools

page: 128

Middleware Tools

page: 134

IT Management & Operations Tools page: 138

Security & Cyber Tools page: 155 Project Development & Management Tools page: 168

EGRC Tools page: 176

Knowledge & Collaboration Tools page: 181

Analytics & Data Management Tools page: 186 Enterprise
Management Tools
page: 202

Business Application Tools page: 222

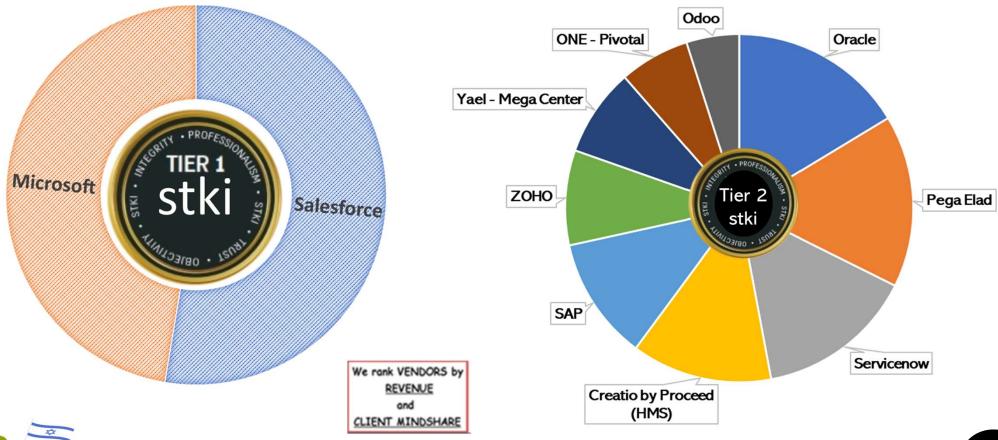


rankings are based partly on new projects, new names and market penetration growth

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EXAMPLE: CRM Applications



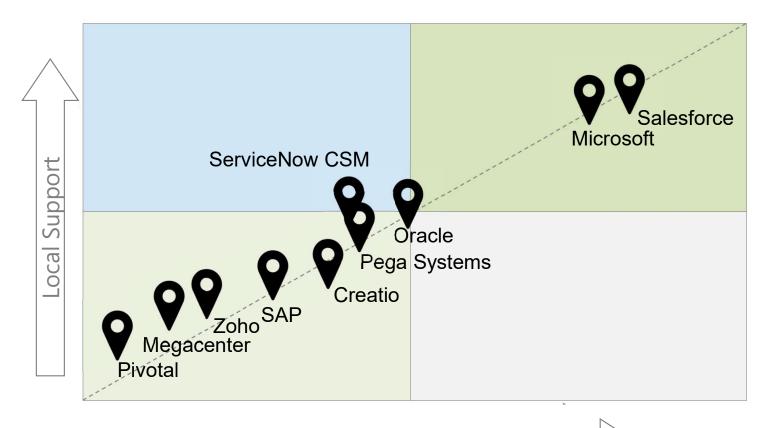


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CRM Platforms 2024

Presence & Support in Israel







Market Presence

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CRM Packages (embedded Al) in Israel - Part 1:

Package	Israel rep.	Integrators	Embedded Al	
Oracle Sales & Service Cloud		Oracle Consulting, Yael, one, Deloitte		
Oracle – Siebel	Oracle Israel	Yael, TCS, Matrix	Al for CX	
Oracle - Peoplesoft		Matrix		
Salesforce	Salesforce Israel	AllCloud, Elad Yael (Cloudtech), iCloudius, one, Accenture, Delloite, Malam- Team, Accenture, MYND, Matrix, EMET WeDo, abra, Aman-Asperi, PWC	Einstein Al Einstein co-pilot	
Microsoft CRM 365	Microsoft Israel	Elad, Matrix, Malam-Team, Hilan-Ness, abra, Biz Aid, Softpro, MYND	Dynamics 365 Co-Pilot	
ServiceNow CSM Service and Sales/OM	ServiceNow	one (Dicomano), Ness TSG, Bizflow, Bynet, Deloitte, Thirdera	Now Platform	



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CRM Packages in Israel - Part 2:

Package	Israeli Rep.	Integrators		
SAP CM (Customer Mng) S4	SAP Israel	abra, Malam-Team, AKT, one		
SAP Service and Sales Cloud V2	SAP ISTAEL	abra, SAP services		
MEGA Center	Yael	Yael		
Pivotal	one	one		
Odoo	Lalynetech	Lalynetech		
Freshworks	Malam-Team	Malam-Team, Matrix		
Oro	abra	abra		
Pega	Elad	Elad		
Creatio	Proceed (HMS)	Proceed (HMS), Shita		
Hubspot CRM				
Zoho CRM		Tamayo, Holistic		



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Multi Channel Platforms

Package	Israeli Rep.	Integrators	
Twillio	Aman, I.E Mittwoch	Aman I E Mittwoch	
Vongae (Nexmo)		KPMG Edge	4
Commbox	Commbox Commbox PS		Standalone
7Twenty	7Twenty Matrix		multi
Glassix	Consist	Consist, Elad, Matrix	channel
99Digital	99Digital	99Digital, Bynet - Partner	
Consolto		Matrix	1
Simplechat* (for Microsoft CRM on premise)	Elad	Elad	Part of CRM
Microsoft Multi Channel	Microsoft Israel	Matrix, Elad, abra, Biz Aid, Malam- Team	
Salesforce Digital Engagement	Salesforce Israel	one, Aman Asperi, Elad	J

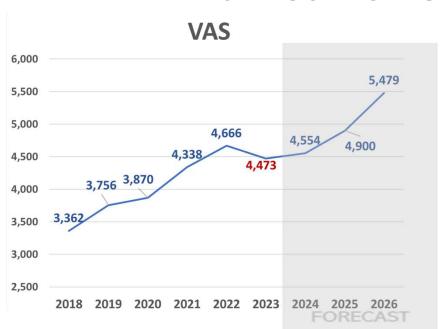


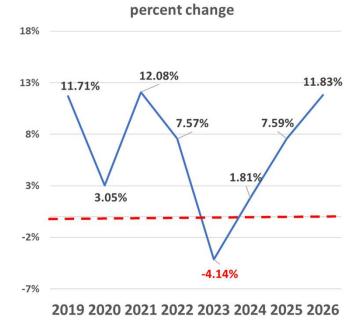
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Value Added Services Market 2018-2026





STKI changed "categories" retroactively (2018) in order to represent better the trends of: on-prem, cloud, payment by subscription, All as a Service, etc

Values in Million USD

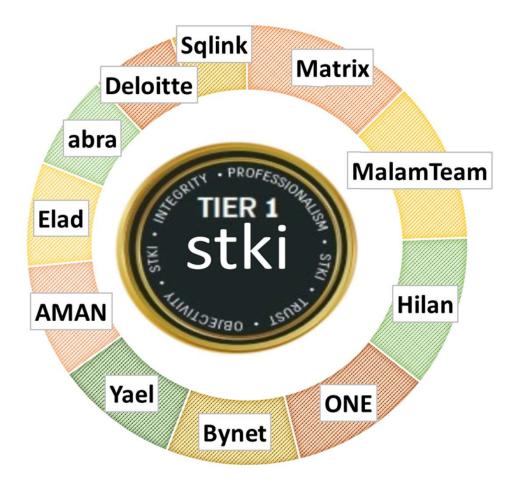
2018	2019	2020	2021	2022	2023	2024	2025	2026
\$3,362.00	\$3,756.00	\$3,870.00	\$4,338.00	\$4,666.00	\$4,473.00	\$4,554.00	\$4,900.00	\$5,469.00
**	11.71%	3.05%	12.08%	7.57%	-4.14%	1.81%	4.59%	11.64%



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TOP VENDORS: Value-Added Services Markets





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Project mgmt. &

page:

development tools

engagement & knowledge

management

page:

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VAS CATEGORIES

consulting

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enterprise swre implementation

page: 276

Innovation Projects

page: 303

3rd party maintenance

page: 261

data, analytics AI & BI page:

testing, training,

fruition & hatmaa

page: 308

Infra Projects on-prem

page:

Business applications (dev & implementation)

293 page:

EGRC & Regulation page: 315

Cloud Infra **Projects**

page: 271

Industry specific & special purpose

page: 298



Managed Services

page: 319



rankings are based partly on new projects, new names and market penetration growth

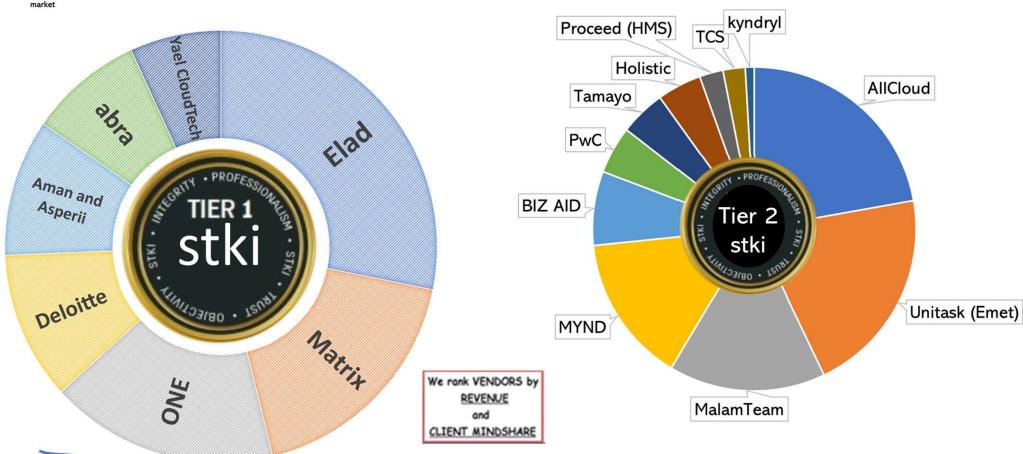
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CRM Implementations



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