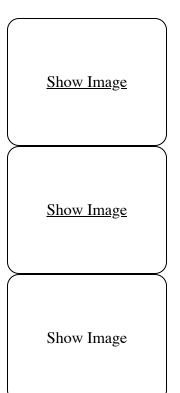
Agentic TCO Calculator v5.0

Platform-Specific Total Cost of Ownership for Greenfield Agentic Implementations



© What Is This?

A comprehensive cost calculator that provides **Year 1 Total Cost of Ownership** estimates for agentic AI implementations across four major platforms:

- **WiPath** Agent Builder + Orchestrator
- **Microsoft Copilot Studio** + AI Studio
- **ServiceNow** Now Assist
- Databricks Model Serving

Calculates two cost dimensions:

- 1. **Implementation Costs** (one-time development)
- 2. **Runtime Costs** (ongoing operational expenses)

II Quick Example

Medium Invoice Processing Agent on Microsoft Copilot Studio:

Inputs:

• T-Shirt Size: Medium (M)

• Agents: 2

• Tools: 3

• Monthly Requests: 50,000

• Risk Factors: HITL + First-Time Team

Output:

• **Implementation**: \$65,800 (47 days)

• **Annual Runtime**: \$24,000

• **Year 1 TCO**: \$89,800

🚀 Quick Start

For Users (No Installation)

Just visit the deployed calculator:

- URL: [Your Azure URL will go here]
- No login required
- Mobile-friendly
- Export results to PDF

For Developers (Local Testing)

bash		

```
# Clone the repository
git clone https://github.com/your-org/agentic-tco-calculator.git
cd agentic-tco-calculator
# Install dependencies
npm install
# Run locally
npm start
# Build for production
npm run build
```

Documentation

This repository includes complete documentation:

Document	Purpose	Location
Full Documentation	Methodology, validation, platform details	(docs/documentation.md)
Deployment Guide	Azure setup instructions	docs/deployment-guide.md
Presentation Content	Google Slides content	(docs/presentation-content.md)
This README	Project overview	README.md

Architecture

T-Shirt Sizing Framework

Size	Complexity Score	Base Days	Example
S	4-10	18 days	FAQ bot
M	11-18	34 days	Invoice processor
L	19-25	55 days	Contract analyzer
XL	26-32	86 days	Autonomous operations

TCO Formula

Year 1 TCO = Implementation + Runtime

Platform Comparison (Medium Project)

Platform	Year 1 TCO	Best For
Databricks	\$67K	Data-heavy use cases
MS Copilot	\$72K	M365 ecosystems
ServiceNow	\$86K	ITSM integration
UiPath	\$95K	RPA transition



Cost Breakdown

Implementation Costs

Components:

• Definition: 8-10%

• Design: 15-20%

• Development: 40-45%

Testing: 8-10%

UAT: 15-18%

• Hypercare: 12-15%

Risk Multipliers:

• Human-in-the-Loop: +20%

• Complex Guardrails: +20%

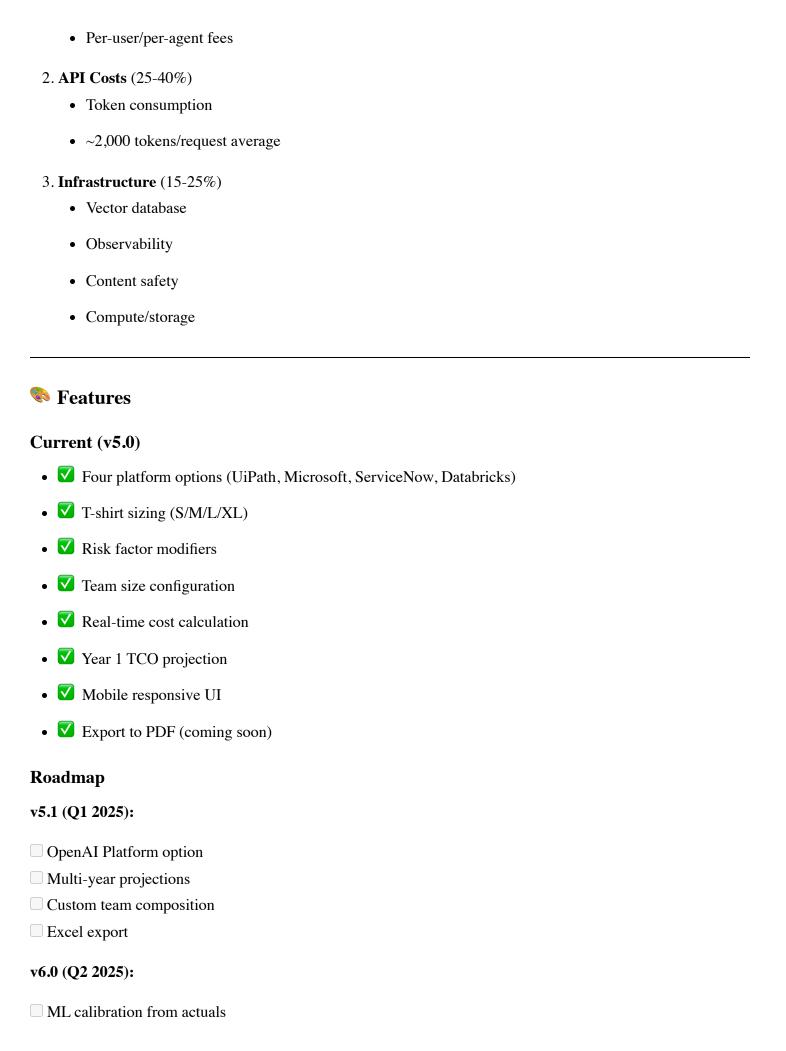
First-Time Team: +15%

• Regulatory: +20%

Runtime Costs

Components:

- 1. **Platform Licenses** (40-60%)
 - Vendor subscriptions





Walidation

Data Sources:

- 23 historical projects (UiPath, Microsoft, ServiceNow, Custom)
- Vendor pricing (October 2024)
- Industry benchmarks (Gartner, Forrester)

Accuracy:

• Implementation: 87% within ±15%

• Runtime: 80% within ±20%

• Total TCO: 85% within ±20%

Based on: Retroactive analysis of 15 completed projects

X Tech Stack

• Framework: React 18.x

• **Styling**: Tailwind CSS

• Icons: Lucide React

• **Hosting**: Azure Static Web Apps (Free tier)

• **Deployment**: GitHub Actions (CI/CD)



```
agentic-tco-calculator/
— public/
    —— index.html
      — staticwebapp.config.json
    - src/
      — App.js
                         # Main calculator component
      — index.js
      — index.css
   - docs/
      — documentation.md
                            # Full methodology
      - deployment-guide.md # Azure deployment
      - presentation-content.md # Google Slides content
    - build/
                        # Production build (generated)
     package.json
   - README.md
                               # This file
```

Deployment

Option 1: Azure Portal (No Code)

- 1. Go to https://portal.azure.com
- 2. Create Static Web App
- 3. Select "Free" tier
- 4. Upload build files
- 5. Get URL

Cost: \$0/month

Option 2: Azure CLI (Developers)

```
bash

az staticwebapp create \
--name agentic-tco-calculator \
--resource-group rg-agentic-calculator \
--location eastus2 \
--sku Free
```

Cost: \$0/month

Option 3: GitHub Actions (Best for CI/CD)

- 1. Push code to GitHub
- 2. Create Static Web App with GitHub integration
- 3. Azure auto-deploys on every push

Cost: \$0/month

See (docs/deployment-guide.md) for detailed instructions

Usage Guide

For Estimators/SAs

- 1. **Select Platform**: Choose target platform (UiPath, Microsoft, ServiceNow, Databricks)
- 2. **Pick Size**: Select T-shirt size (S/M/L/XL) based on complexity
- 3. Configure Project:
 - Number of agents
 - Number of tools
 - Monthly request volume
 - Team size (3/5/7 people)
- 4. Add Risk Factors:
 - Check boxes for HITL, Guardrails, First-Time Team, Regulatory
- 5. Review Results:
 - Implementation cost & timeline
 - Annual runtime costs
 - Year 1 TCO
- 6. **Export**: Download PDF for proposal

For Technical Teams

- 1. Review the **Full Documentation** for methodology
- 2. Calibrate against your actual projects
- 3. Adjust platform pricing if you have custom agreements

4. Fork and customize for your organization

For Executives

- 1. Use for **platform selection** decisions
- 2. Include in **budget planning** for Q1-Q4
- 3. Reference in **RFP responses**
- 4. Track against portfolio spending

When to Use This Calculator

Perfect For

- Early-stage scoping and budgeting
- Platform comparison and selection
- RFP response cost estimation
- Executive TCO discussions
- Portfolio prioritization

Use With Caution

- Fixed-bid contract pricing (add 20-30% buffer)
- Complex multi-vendor engagements
- Highly regulated industries
- Custom platform integrations

Not Recommended

- After detailed requirements locked
- When actual project plan exists
- For maintenance/support renewals

? FAQ

Q: Why is implementation cost the same across platforms?

A: Development effort is platform-independent. Runtime costs vary due to licensing.

Q: Can I customize for my organization?

A: Yes! Fork the repo and adjust daily rates, token costs, or platform pricing.

Q: How often is pricing updated?

A: Quarterly. Last update: October 2024. Next: January 2025.

Q: What if my project is between sizes?

A: Use complexity scoring to fine-tune, or split the difference.

Q: Does this replace detailed planning?

A: No - use for early scoping. Detailed planning comes after requirements.

🦠 Known Issues & Limitations

What's NOT Included

- Change management & training
- Data preparation (cleaning, labeling)
- Legal/compliance review costs
- Custom model fine-tuning
- Multi-year maintenance (Year 2+)

Known Variances

- Tool complexity often underestimated
- Token consumption can spike during testing
- Platform pricing subject to change

Accuracy Notes

- Based on 23 projects (limited sample size)
- English language only (multi-language +10-20%)
- Cloud deployment only (on-prem +25-40%)

Contributing

We welcome contributions!

How to Contribute

- 1. Fork the repository
- 2. Create a feature branch: git checkout -b feature/your-feature
- 3. Make changes and test: (npm test)
- 4. Commit with clear message: git commit -m "Add feature X"
- 5. **Push to branch**: git push origin feature/your-feature
- 6. Open Pull Request

Contribution Ideas

- Add new platform (OpenAI, AWS Bedrock, Google Vertex)
- Improve accuracy with more historical data
- Build export to Excel feature
- Create sensitivity analysis mode
- Add multi-language support

Changelog

v5.0 (October 19, 2025)

Added:

- Platform-specific configurations (UiPath, Microsoft, ServiceNow, Databricks)
- Risk factor modifiers (HITL, Guardrails, First-Time Team, Regulatory)
- Team size velocity adjustments
- Comprehensive documentation (methodology, deployment, presentation)

Changed:

- Updated pricing (October 2024 vendor data)
- Refined T-shirt sizing ranges

Fixed:

Token calculation accuracy

• Mobile responsive layout

v4.0 (July 2025)

- Added risk multipliers
- Added team velocity model

v3.0 (April 2025)

• Initial T-shirt sizing framework

v2.0 (January 2025)

• Separated implementation vs runtime costs

v1.0 (October 2024)

• Initial version with basic cost model

Contact & Support

For Questions:

• Slack: #agentic-calculator

• Email: [your-email@company.com]

• Documentation: See docs/ folder

For Issues:

• GitHub Issues: [link to repo issues]

• Internal Jira: [link if applicable]

For Enhancements:

- Submit PR with proposal
- Discuss in #agentic-calculator Slack

License

MIT License - See LICENSE file for details

Acknowledgments

Contributors:

- TQA AMER Team
- Historical project data from 15 completed implementations

Data Sources:

- UiPath, Microsoft, ServiceNow, Databricks pricing (Oct 2024)
- Gartner TCO analysis (2024)
- Forrester Total Economic Impact studies (2024)
- Anthropic/OpenAI enterprise case studies

Special Thanks:

- Early testers who validated accuracy
- Platform vendors for pricing transparency
- Community feedback on methodology

Success Metrics

Target Outcomes:

- 90%+ team adoption for cost estimation
 85%+ accuracy within ±15% of actuals
 <10 minutes per estimate (vs 30+ minutes manual)
 Improved RFP win rate through accurate pricing
 Reduced scope creep and cost overruns
- Star this repo if you find it useful!

Share with your team:

- Calculator URL: [Your Azure URL]
- QR Code: [Generate and add]
- **Mobile Access:** Works great on phones/tablets for quick estimates on the go!