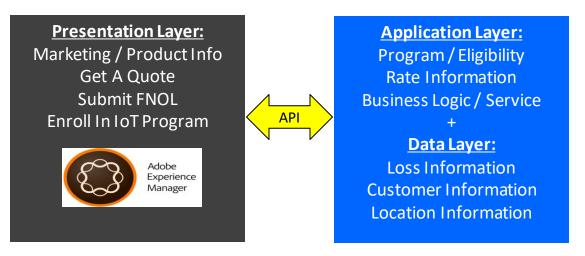
Tiered Architecture: Presentation / Application / Data



Illustrative Example

- API's connect the Presentation (visual) + Application (Business Logic) + Data Layers (Databases)
- The presentation layer can be dynamic based on what we know or learn about a customer
- Presentation layer is built in Adobe Experience Manager as Series of components
- Once Components are built, they can be easily reused.

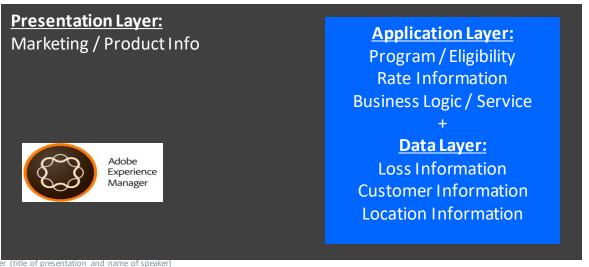


Tiered Architecture: Presentation / Application / Data



Illustrative Example

- API's connect the Presentation (visual) + Application (Business Logic) + Data Layers (Databases)
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- Presentation layer is built in Adobe Experience Manager as Series of components
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Editing footer: Insert > Header & Footer (title of presentation and name of speaker)

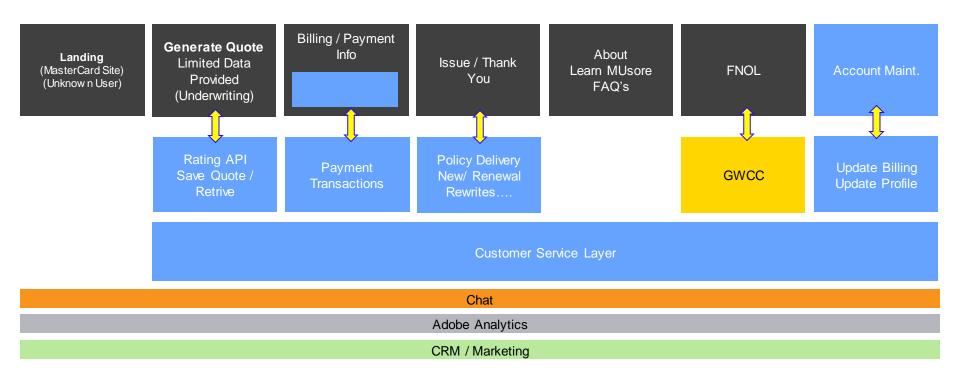
Workflow: Define Elements:







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Policy Issue & Service



Majesco API

- Does not currently Support 3 Product (Good Better Best) Option
- Currently runs @ 15 seconds per quote Would be x 3 if we wanted to get (good better -best) Quotes
- Would require development work to support current business requirements (not in time for Jan Possibly April)
- Stability API was down when we last tried to access

Solution 1: Build out rating in AEM

Pro: Easy, Can return 3 quote options; Can support custom coverages

Con: Quote will not be in Majesco

Solution 2: Use API & apply math

Example API returns \$10/mo We then +20% - 20% Good = \$8 Better = \$10 Best = \$12

Pro: Single Quote would be in Majesco

Con: Time for api call 45 seconds; Can not Support Custom coverages

Transactional Capabilities:



Support Purchase / Payment Capabilities

- Processing of Credit cards
- Determining annual price based on UW questions.
- Determining monthly charge based off annual Price (other billing options? Annual Quarter? Discounts?)
- Maintaining payment schedule of when to charge card
- Payment retry when cards fail/updated
- Pro-rated Refund logic
- Interim policy changes and impact to rates
- Flat Renewals
- Increase renewals
- Ability to support rate changes (bill current customers at old rate & New customers at new rate)
- Cancelations customer requested
- Cancelations HSB requested (automatic or manual?)
- Refunds minus claims paid
- Reinstatement for late payment

Service component:

- CSC will need to be able to perform all types of policy admin features.
- Issue/Cancel/update/renew
- Customer Account Maintenance: (I am not sure if we want to head down this road?)
 - Update billing info
 - Request documentation
 - Any policy level changes would require UW

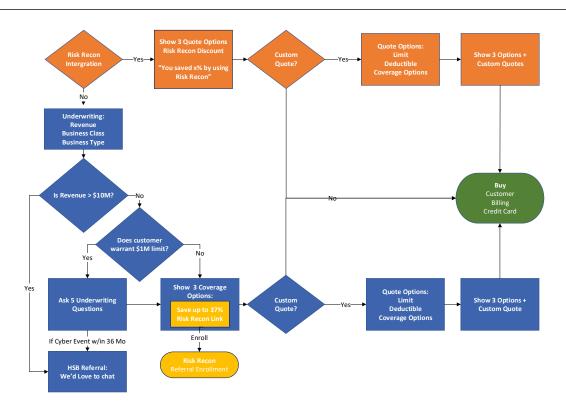
Accounting

- Extracts
- Registration

Quote/Underwriting:

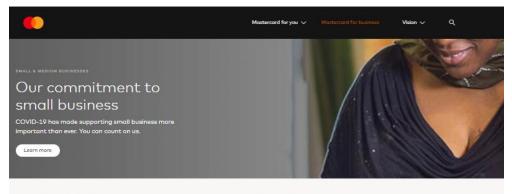


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Mastercard SMB Site







Stay productive wherever you are

First-time Microsoft 365 Business Premium or Microsoft 365 Business Standard subscribers can get their first 4 months free with a one-year subscription for up to 5 users.

Learn more



Build connections with your customers

Build stronger customer relationships with a simple tool designed for small businesses. Just \$9.99 per user per month for the 1st year.¹

Free 14-day trial



Protect your Digital Business

HSB has extensive experience and expertise in cyber risk and HSB Cyber Suite coverages are designed to keep pace with the evolving cyber risk landscape

Learn more

- Reference URLS
- MasterCard SMB site
 - https://www.mastercard.us/en-us.html
- Existing Prototype (WE WILL NOT USE)
 - https://hsbproducts.com/password
 - Password mastercard





HSB Landing Page



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Mastercard Risk Recon, our security assessment product identifies and reduces complexity and risk......

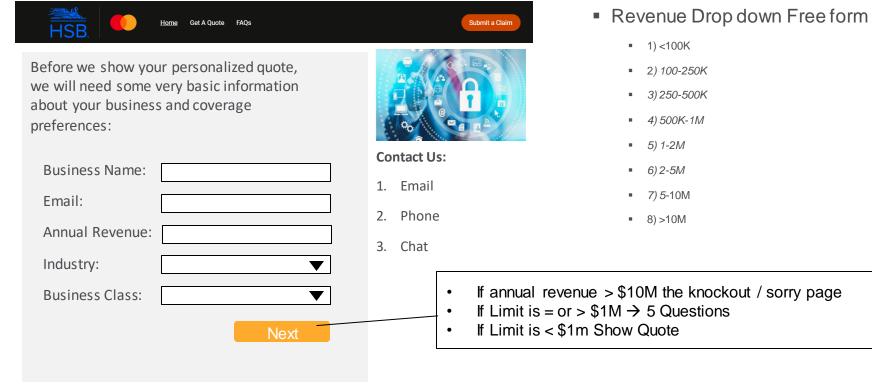




- Site needs to have a clean modern look much like the loT Site
- Branding Jed to reach out to Hillman to determine how close to HSB brand we need to be.
- If possible, the site should leverage IoT components ????
 - Header
 - Hero
 - FAQ
 - Image / Bullet list
 - Testimonials
 - Footer
 - FNOL (Comcast)

Quote Questions:





Drop Down Values



Industry.

Class of Business Agriculture, Forestry, Fishing and Hunting

Cannabis Cannahis

Construction

Construction Day Care and Early Childhood Centers

Up to \$10 million Net Operating Expenses - Education Education >\$10 Million Net Operating Expenses - Education Education

Finance & Insurance Services

Insurance Agencies and Brokerages Finance & Insurance Services Mortgage Brokerages

Securities Brokerages

Finance & Insurance Services Other Insurance Related Activities

Finance & Insurance Services Banks & Credit Unions

Enance & Incurance Senices Incurance Carriers

Finance & Insurance Services Other Financial Investment Activities Assisted Living and Continued Care

Healthcare Healthcare

Agriculture

Medical Offices

Other Healthcare Services

Healthcare Healthcare

Hospitals All Other Hotels

Hospitality

Hospitality Restaurants

Casino Hotels Hospitality Manufacturing Manufacturing

Media & Communications Publishing - B2B

Media & Communications Radio Broadcasting

Media & Communications Television Broadcasting

Media & Communications Publishing - B2C Media & Communications Wireless Telecommunications

Media & Communications Other Telecommunications

Mining, Quarrying, and Oil and Gas Extraction

Non-Profit Organizations Non-Profit Organizations Other Businesses Other Businesses - B2B

Other Businesses Other Businesses - B2C

Professional Servces Other Professional Services - B2B

Professional Servces Other Professional Services - B2C

Professional Services Accounting Services Professional Servces Employment Services

Professional Servces Legal Services

Professional Servces Collection Services

Public Administration Up to \$10 million Net Operating Expenses - Public_Administration Public Administration >\$10 Million Net Operating Expenses - Public Administration

Real Estate Laccore of Paul Estata

Real Estate Associations (Condo, HOA, etc.) Real Estate

Property Management

Real Estate Real Estate Agents and Brokers

Recreation Other Recreation Recreation Adult Businesses

Recreation Gaming and Gambling

Religious Organizations Religious Organizations

Rental & Leasing Commercial Equipment Rental

Rental & Leasing Consumer Automotive Rental

Rental & Leasing Consumer Goods Rental

Retail/Wholesale Trade Wholesalers Retail/Wholesale Trade All Other Retailers

Retail/Wholesale Trade Car Dealerships

Retail/Mholecale Trade Pharmacies

Other Technology Services - B2B Technology Technology Other Technology Services - B2C

Technology Data Hosting Services

Technology Data Processing Services

Transportation Freight Transportation

Transportation Passenger Transportation

Transportation General Warehousing & Storage

Utilities

Utilities Natural Gas Utilities Water

https://munichre.sharepoint.com/:x:/r/sites/dcxteam/Shared%20Documents/Extranet/Prototype/Simplified%20 Rater.xlsx?d=w1895210df8e04f949cc6bcb956a130bc&csf=1&web=1&e=sdSZt3

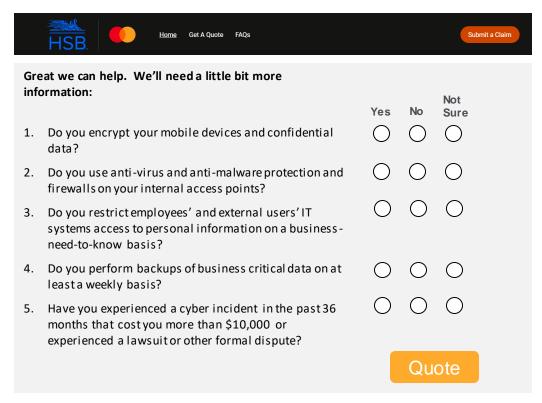
How to determine what quotes are shown



Limit / Deductible Quote Options	Tier					
Revenue	1	2	3	4	5	6
1) <100K	\$50,000 / \$2,500	\$50,000 / \$2,500	\$50,000 / \$2,500	\$50,000 / \$2,500	\$50,000 / \$2,500	\$50,000 / \$2,500
	\$100,000 / \$2,500	\$100,000 / \$2,500	\$100,000 / \$2,500	\$100,000 / \$2,500	\$100,000 / \$2,500	\$100,000 / \$2,500
	\$250,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500
2) 100-250K	\$50,000 / \$2,500	\$50,000 / \$2,500	\$100,000 / \$2,500	\$100,000 / \$2,500	\$100,000 / \$2,500	\$100,000 / \$2,500
	\$100,000 / \$2,500	\$100,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500
	\$250,000 / \$2,500	\$250,000 / \$2,500	\$500,000 / \$5,000	\$500,000 / \$5,000	\$500,000 / \$5,000	\$500,000 / \$5,000
3) 250-500K	\$50,000 / \$2,500	\$100,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500
	\$100,000 / \$2,500	\$250,000 / \$2,500	\$500,000 / \$5,000	\$500,000 / \$5,000	\$500,000 / \$5,000	\$500,000 / \$5,000
	\$250,000 / \$2,500	\$500,000 / \$5,000	\$1,000,000 / \$5,000	\$1,000,000 / \$5,000	\$1,000,000 / \$5,000	\$1,000,000 / \$5,000
4) 500K-1M	\$100,000 / \$2,500	\$100,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500
	\$250,000 / \$2,500	\$250,000 / \$2,500	\$500,000 / \$5,000	\$500,000 / \$5,000	\$500,000 / \$5,000	\$500,000 / \$5,000
	\$500,000 / \$5,000	\$500,000 / \$5,000	\$1,000,000 / \$5,000	\$1,000,000 / \$5,000	\$1,000,000 / \$5,000	\$1,000,000 / \$5,000
5) 1-2M	\$100,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500
	\$250,000 / \$2,500	\$500,000 / \$5,000	\$500,000 / \$5,000	\$500,000 / \$5,000	\$500,000 / \$5,000	\$500,000 / \$5,000
	\$500,000 / \$5,000	\$1,000,000 / \$5,000	\$1,000,000 / \$5,000	\$1,000,000 / \$5,000	\$1,000,000 / \$5,000	\$1,000,000 / \$5,000
6) 2-5M	\$250,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500
	\$500,000 / \$5,000	\$500,000 / \$5,000	\$500,000 / \$5,000	\$500,000 / \$5,000	\$500,000 / \$5,000	\$500,000 / \$5,000
	\$1,000,000 / \$5,000	\$1,000,000 / \$5,000	\$1,000,000 / \$5,000	\$1,000,000 / \$5,000	\$1,000,000 / \$5,000	\$1,000,000 / \$5,000
7) 5-10M	\$250,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500	\$250,000 / \$2,500
	\$500,000 / \$5,000	\$500,000 / \$5,000	\$500,000 / \$5,000	\$500,000 / \$5,000	\$500,000 / \$5,000	\$500,000 / \$5,000
	\$1,000,000 / \$5,000	\$1,000,000 / \$5,000	\$1,000,000 / \$5,000	\$1,000,000 / \$5,000	\$1,000,000 / \$5,000	\$1,000,000 / \$5,000
8) >10M	N/A - Refer to HSB	N/A - Refer to HSB	N/A - Referto HSB	N/A - Refer to HSB	N/A - Refer to HSB	N/A - Refer to HSB

Underwriting Questions: Only ask for "Yellow & Red"



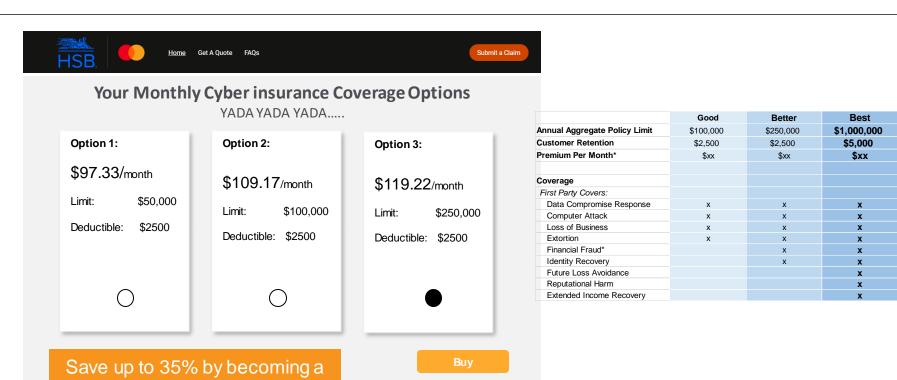


 # 5 is a Knock out if yes then go to sorry / contact us page

Quote: Basic



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Click here for custom coverage options

Risk Recon Customer

Underwriting Questions: Only ask for "Custom Coverage"



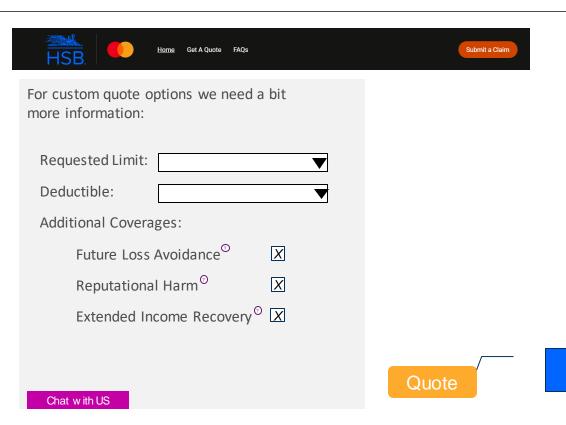


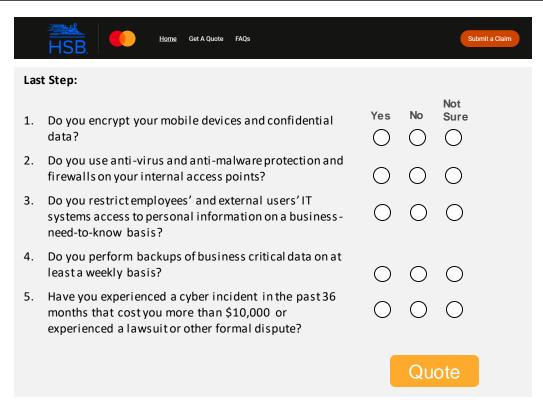
Table #4 - Increased Limits Factor	
Limit	Factor
\$25,000	0.22
\$50,000	0.32
\$100,000	0.38
\$250,000	0.52
\$500,000	0.72
\$1,000,000	1.00
>\$1,000,000	Refer to HSB

Table #5 - Deductibles	
Deductible	Factor
\$1,000	1.18
\$2,500	1.13
\$5,000	1.08
\$10,000	1.00

Next (5 questions) if Limit is = or > \$1M If>\$1m → Sorry / contact us

Underwriting Questions: Only ask for "Coverage Limit is INCREASED to \$1M" (in other words don't ask again)

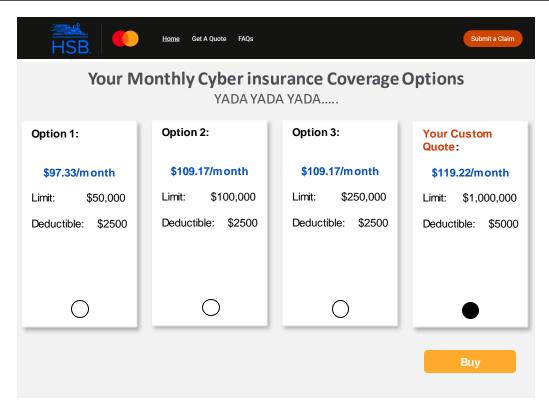




Quote: Basic



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Quote: Contact Us / Sorry



	Buy		Buy		
It looks	It looks like your specific needs require a little bit more attention:				
	se feelfree to conta & 8:00 P.M.	ct us @ 888-555-1212 betw een the hour	s of 8:00		
2. Or - you:		d contact information and wewill follow u	up w ith		
	Name				
	Phone:	Prefill			
	Email:	Submit			
	can also send us ar epresentatives will o	n email (<u>customerSolutions@hsb.com</u>) ar contact you.	nd one of		

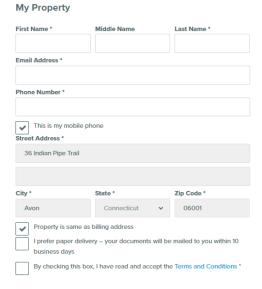
- Show if revenue > \$10m
- Or Limit > \$1m

Buy Screen



- 1. Name address
- 2. Credit card info





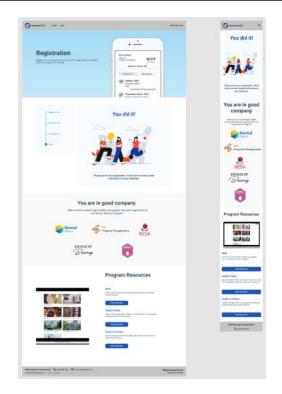
Provide your payment details



Thank you / Confirmation Page

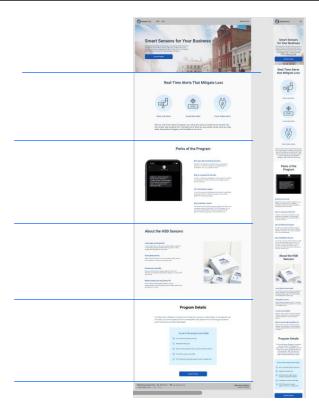


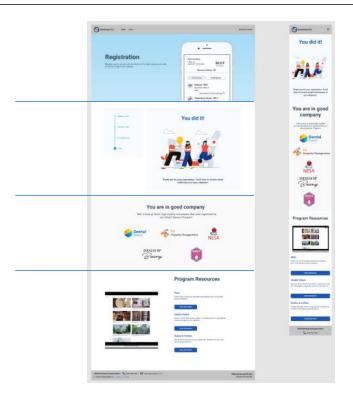
- 1. Thanks for your purchase you are now protected
- 2. Here's what happens next
- 3. Contact us if you have questions



Various Component types







Appendix

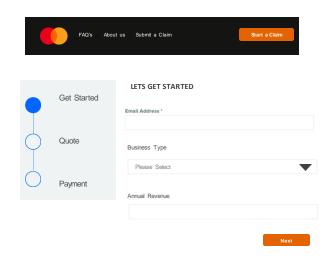


1. Graveyard

Quote / Underwriting Questions????/:



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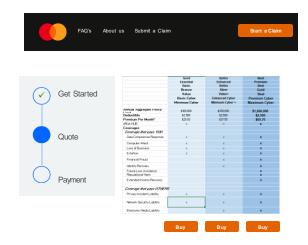


- Need to limit what we ask for
- Required Fields
 - Name?
 - Email
 - Phone?
 - Business Name?
 - NAIC Type (Example: bakery)
 - Revenue (\$700,000)

Quote Page



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See here for Quote presentation.....

https://munichre.sharepoint.com/:x:/r/sites/dcxteam/Shared%20Documents/Extranet/Prototype/Copy%20of%20MasterCard_Strawman%20Quote%20Options_2020%2008-

Middle column Better could call api

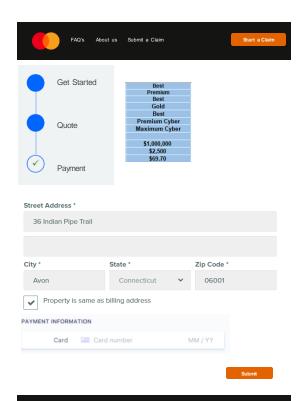
Good could be mathematically derived Better - 20%

Best could be mathematically derived Better + 20%

Point of Sale - Billing / Payment

HSB.
A Munich Re company

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Reuse What we Know – prefill & Show or not??

Point of Sale - Thank You



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We think you've made a wise choice in protection your business from cyber threats.

Here's what happens next.

- Awesome thing # 1
- Awesome thing # 2
- Awesome thing # 3

Were here if you need us:

- Please call Customer Solutions at 866-237-3287, we will be happy to answer your questions.
- You can also email us xxxxxxxx@hsb.com

Jed to provide text

Do Not Qualify



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Jed to provide text

Looks like your quote needs special attention.

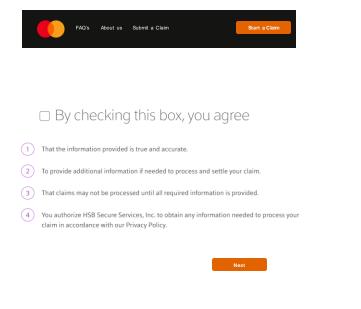
Were here to help:

- Please call Customer Solutions at 866-237-3287, we will be happy to answer your questions.
- You can also email us xxxxxxxx@hsb.com

Submit a Claim



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Chris Orashan

FNOL



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Chris Orashan

- See here for list of FNOL fields:
- https://munichre.sharepoint.com/:x:/r/sites/dcxte am/Shared%20Documents/Extranet/Prototype/M astercard Claims%20FNOL%20Portal%20Data %20Fields.xlsx?d=w86f2a5c56e054275b75b60f c178e6c2f&csf=1&web=1&e=y515el

CurrentDate
Name of person reporting the claim
Business Name
Business Mail Address L1
Business Mail Address L2
Business Mail City
Business Mail State
Business Mail Postal
Contact Name
Claim Contact Name Phone Number
Claim Contact Name Email Address
Claim Contact Name Preferred Method of
Contact
Claim Contact Role
Policy Number
Effective Date
Expiration Date
Date of Discovery
Please tell us what happened
Ransom Demand?
Are you the victim of an identity theft?
File Upload

CurrentDate

Next

FNOL - Thank You



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We have received your claim

 You should receive a confirmation email summarizing your request in the next few minutes.

What should I do next...

 Lorem Lorem ipsum dolor sit a met, consectetur adipiscing elit. Nullam ac magna est. In hac habitasse platea dictumst. Donec vitae ornare elit.

What can I expect going forward...

Lorem ipsum dolor sit a met, consectetur adipiscing elit.
 Nullam ac magna est.

We are here if you need us:

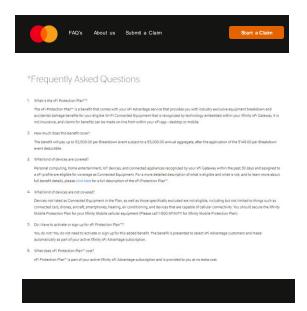
- Please call Customer Solutions at 866-237-3287, we will be happy to answeryour questions.
- You can also email us xxxxxxxx@hsb.com

Chris to provide text

FAQ's



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- FAQ's
- Jed to provide

Appendix



- 1. Do you encrypt all your mobile devices (laptops, flash drives, mobile phones, etc.) and confidential data?
- 2. Do you use up-to-date anti-virus and anti-malware protection on all of your endpoints (desktops, laptops, servers, etc.) and firewalls on all of your internal access points?
- 3. Do you restrict employees' and external users' IT systems privileges and access to personal information on a business-need-to-know basis?
- 4. Do you perform backups of business critical data on at least a weekly basis?
- 5. Have you, at any time during the past 36 months, experienced a cyber incident (hacking, intrusion, malware infection, fraud loss, breach of personal information, extortion, etc.) that cost you more than \$10,000 or experienced a lawsuit or other formal dispute (with either a private party or government agency) arising from a cyber incident?
- 6. Within the past 12 months, did you or one of your cloud providers experience an unplanned outage lasting longer than 2 hours? (This does not include

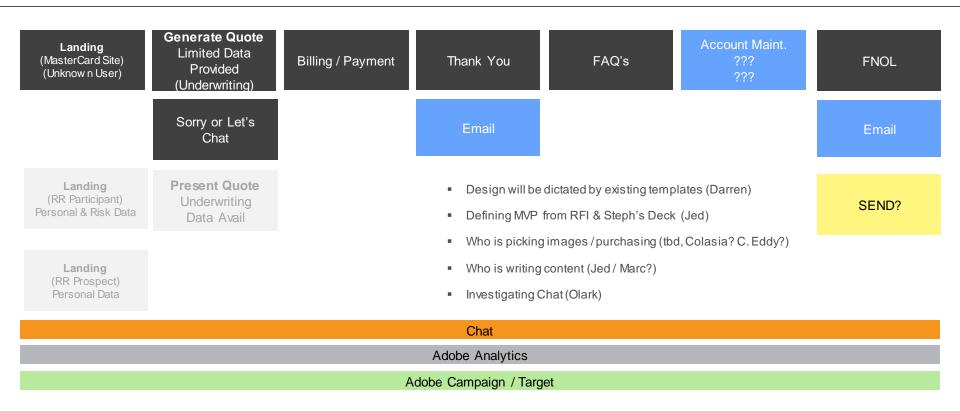
CX / CJ Workflow: Define Elements.







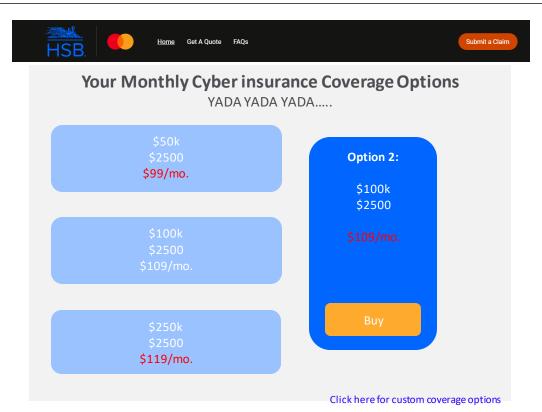
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Quote: Basic



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Quote Questions:





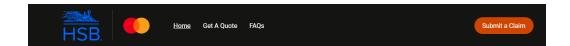
Before we show your quote, we will need some very basic information about your business and coverage preferences:

Annual Revenue:	
Business Class:	
Business Type:	
Do you have an obligati preference of \$1M? or a	

- 1. Do you encrypt all your mobile devices and confidential data?
- 2. Do you use anti-virus and anti-malw are protection and firewalls on your internal access points?
- 3. Do you restrict employees' and external users' IT systems access to personal information on a business-need-to-know basis?
- 4. Do you performbackups of business critical data on at least a w eekly basis?
- 5. Have you experienced a cyber incident in the past 36 months that cost you more than \$10,000 or experienced a law suit or other formal dispute?







Questions for > \$1,000,000

Do we Ask??

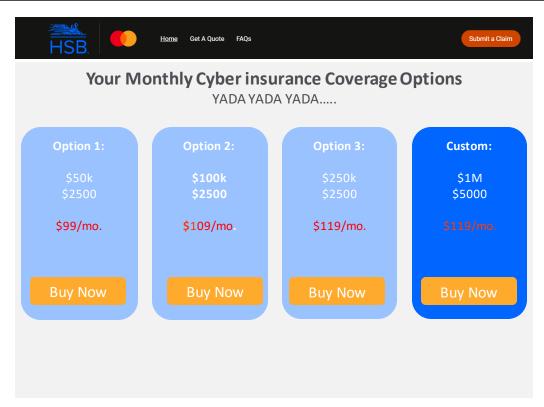


Questions	Yes	No
Do you encrypt all your mobile devices (laptops, flash drives, mobile phones, etc.) and confidential data?	✓	Χ
Do you use up-to-date anti-virus and anti-malware protection on all of your endpoints (<i>desktops, laptops, servers, etc.</i>) and firewalls on all of your internal access points?	√	X
Do you restrict employees' and external users'IT systems privileges and access to personal information on a business-need-to-know basis?	✓	X
Do you perform backups of business critical data on at least a weekly basis?	✓	X
Have you, at any time during the past 36 months, experienced a cyber incident (hacking, intrusion, malware infection, fraud loss, breach of personal information, extortion, etc.) that cost you more than \$10,000 or experienced a lawsuit or other formal dispute (with either a private party or government agency) arising from a cyber incident?	X	√
Within the past 12 months, did you or one of your cloud providers experience an unplanned outage lasting longer than 2 hours? (This does not include failure caused by an unauthorized access ("cyber attack")). If "Yes", please attach details.	X	✓

Quote: Custom



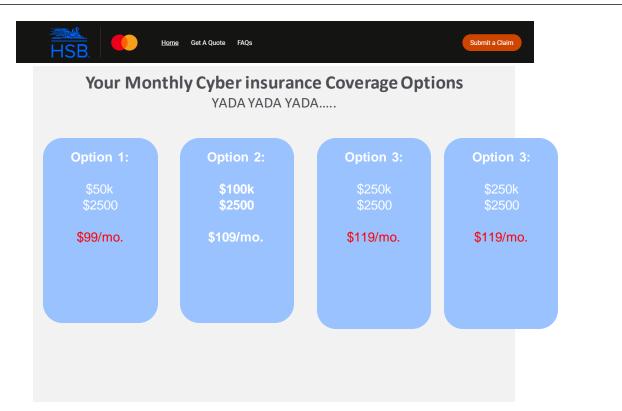
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Quote: Basic



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Buy