Full SAAS Option

(fully managed)

MixPanel Usage Analytics for billing

AWS VPC Exclusive to user

Kubernetes cluster with all needed microservices managed as a service.
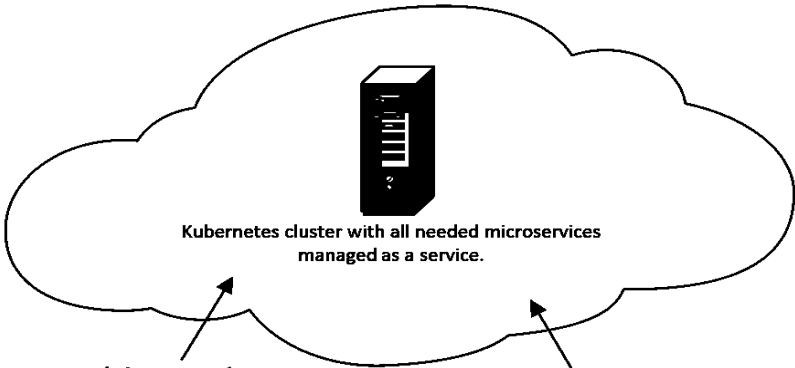
Secured Connection

Secured Connection

Back-end System For Managing Templates, Logic, Etc.

Front-end system

Web Browser Access to Backoffice Back-end

MS Word Add-in

On Premise Option

(user supported)

MixPanel Usage
Analytics for billing

User Network

Kubernetes cluster with all microservices (including NLP engine and
Web back office for templates and settings administration) in
your managed environment

Back-end System For Managing
Templates, Logic, Etc.

Front-end system

MS Word Add-in

Web Browser Access
to Backoffice Back-
end
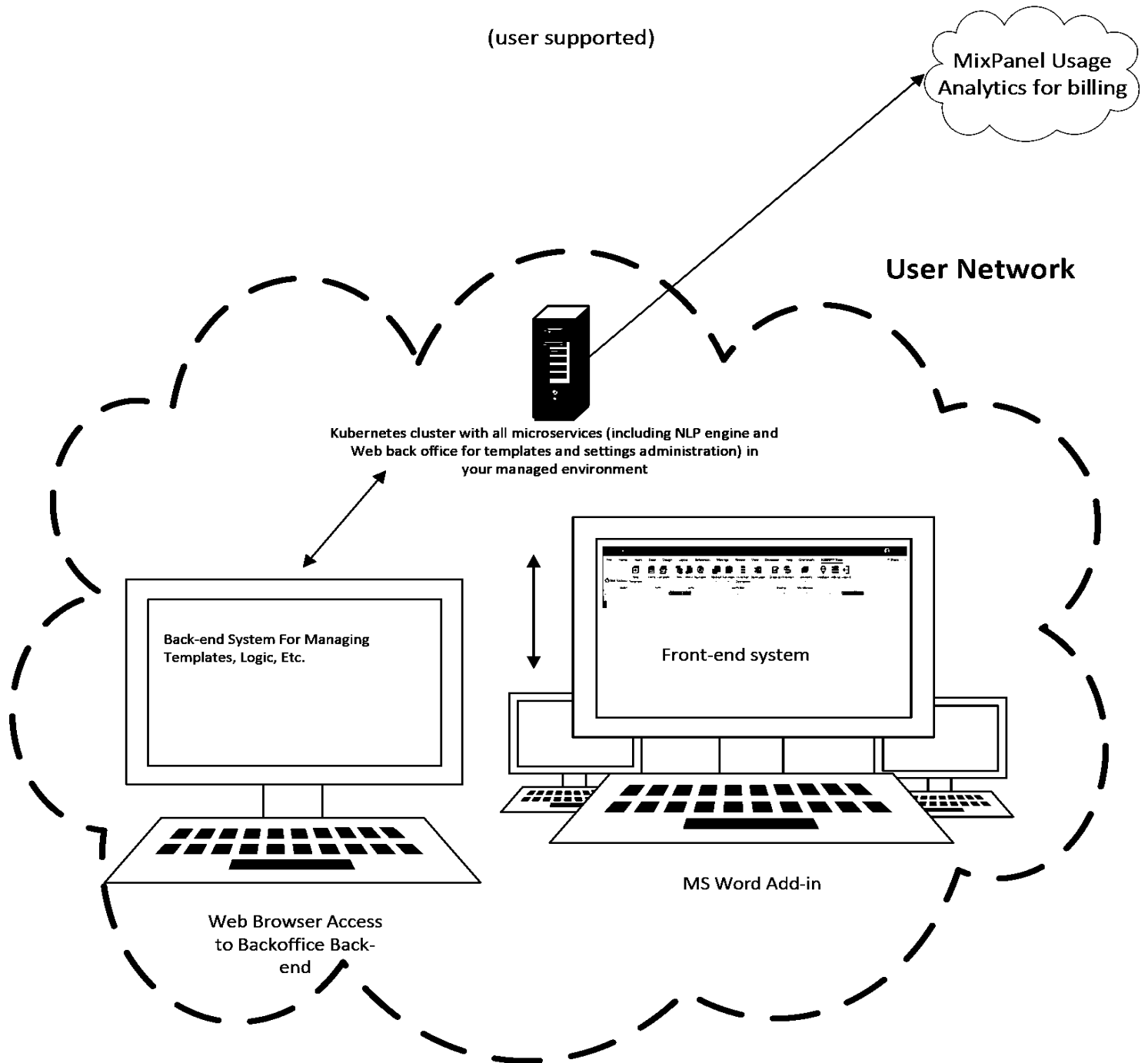
Jointly Managed Cloud Option

(administered by user and provider)

MixPanel Usage Analytics for billing

Kubernetes cluster in AWS Virtual Private Cloud set up exclusively for user and jointly managed with user

VPN ONLY Connection Between user and the Patent Automation Services

Back-end System For Managing Templates, Logic, Etc.

Front-end system

Your Network

Web Browser Access to Backoffice Back-end
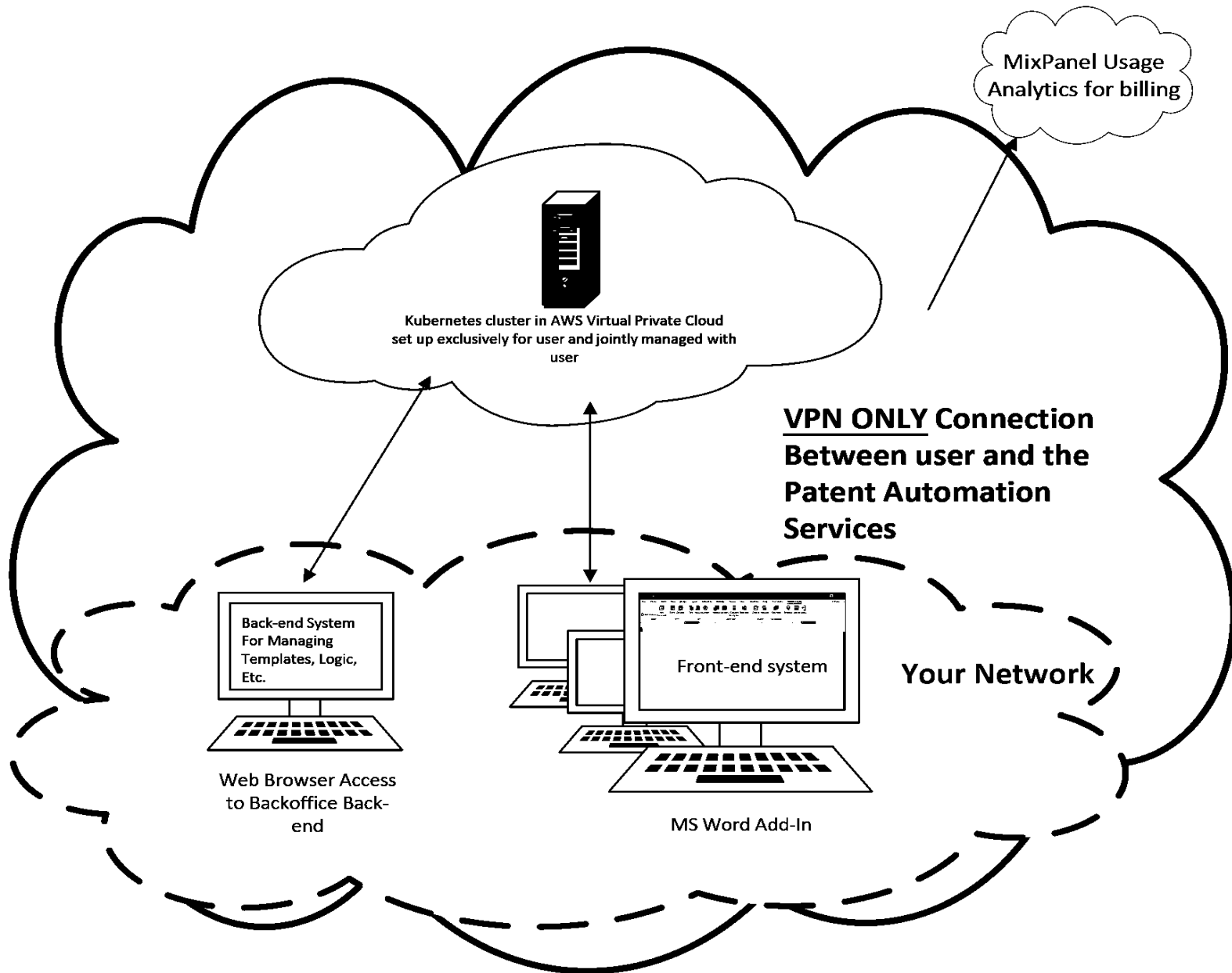
MS Word Add-In

Word Add-In to Microservices Typical Network Interaction

(Example of Steps)

Word Add-in

Kubernetes microservice containers

Word Add-in	Interaction	Kubernetes microservice
Login	Credentials / API Token	Auth Service
User interacts with Word Add-in (ribbon click etc.)	Request Template and options list (with API token)	Template and Options Store
Retrieve active document if required by template	Return list of valid templates and options	
	Send request to NLP service (with API token)	NLP Parser (not persistant)
Options Dialog based on parsed data and templates.	Return Structured data to client	
	Structured data and options Sent to text generation service (with API token)	NLP Text Generator (not persistant)
Insert text into active document	Natural Language text sent to Word Add-In	Usage Analytics and Logging service

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