



ChatOps with PowerShell & Microsoft Teams

Jaap Brasser
@jaap_brasser



jaapbrasser.com/about

Tweets @ jaap_brasser

Blogs @ jaapbrasser.com

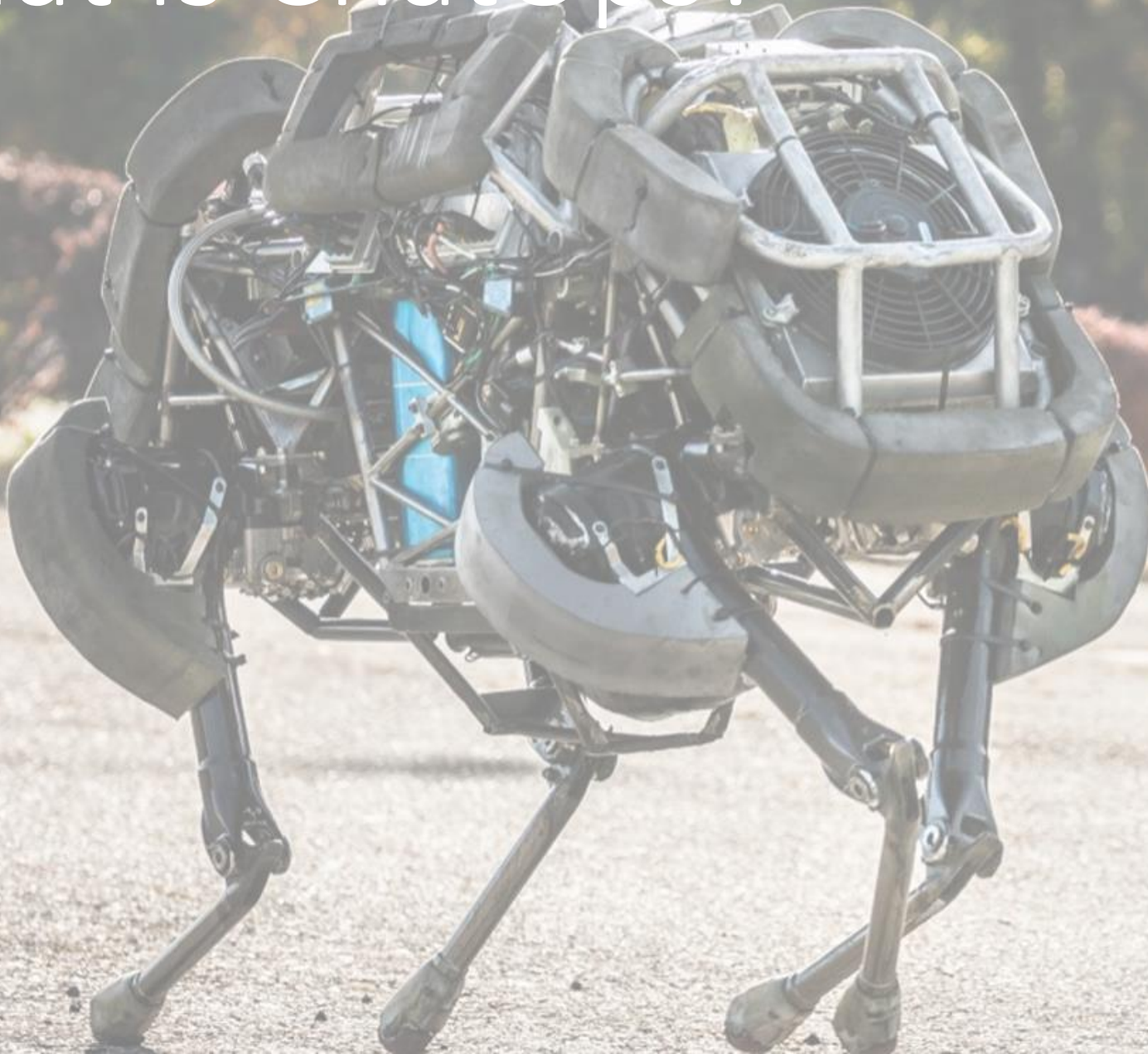
Works Technical Marketing @ Rubrik.com

Does Blogger, Speaker, Tech Enthusiast

Likes Cloud Automation, Scripting & Security



What is ChatOps?





PASTE EMBLEM HERE

HUBOT

(note: it's pronounced
hew-bot)

A CUSTOMIZABLE,
LIFE EMBETTERMENT ROBOT

COMMISSIONED BY GITHUB

4. AFFILIATED COMPANY

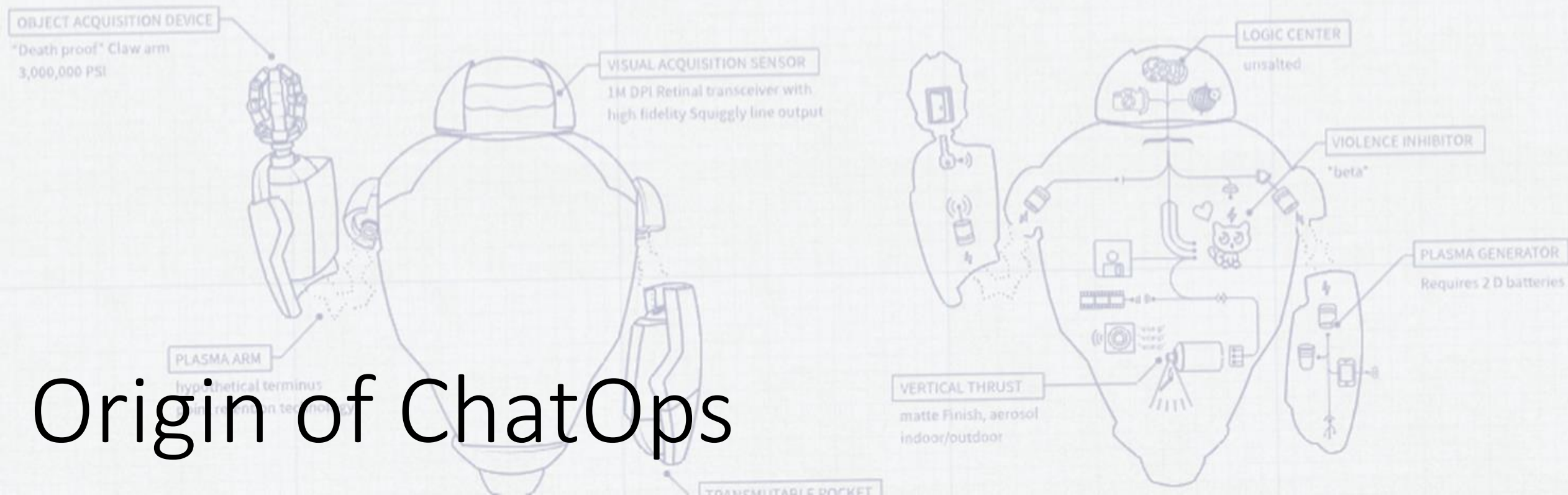
(INCLUDE AFFILIATED COMPANY LOGO (IF APPLICABLE))

5. SIGNATURE OF INVENTOR

(PLEASE DO NOT ATTEMPT TO SIGN WHILE INEBRIATED)

☐ **VIEW HUBOT'S DOCUMENTATION**
(LEARN ABOUT GETTING STARTED, ETC.)

☐ **VIEW HUBOT'S SOURCE CODE**
(VIA [HTTP://GITHUB.COM/GITHUB/HUBOT/](http://github.com/github/hubot/).)



Origin of ChatOps



Advantages of ChatOps



Webhooks

- Transfer data over HTTP(s)
- Create triggers based on this data
- Integrate different services
- Methods
 - Get
 - Post



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Demo

Webhooks

Demo Summary

- Configure Web Hooks
- Send message using a Webhooks
- PSSlack module
- Web Hooks and Microsoft Teams

Webhooks – Use cases

- Logging
- Share status with team
- Triggered events
- An output stream for code



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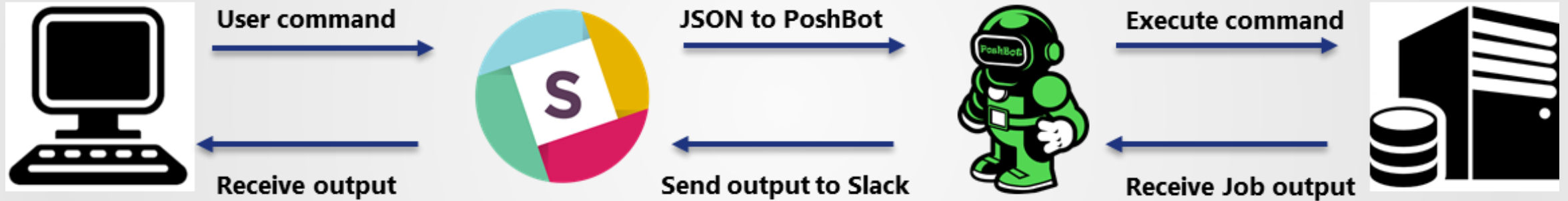
Demo

PoshBot - Configuration

Demo Summary

- Created Slack API Token
- Installed PoshBot
- Configured PoshBot
- Showed basic functionality
- Install additional modules

Slack connectivity



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Demo

PoshBot - Usecase

Demo Summary

- Check connectivity
- Check diskspace report
- Retrieve events from Eventlog
- Check Service status
- Restart Service
- Restart Machine
- Execute arbitrary code

How to use ChatOps

- Platform for existing scripts
- Central logging location
- Teach-by-example in team chat
- Combine data from multiple sources
- Access from any device
- Distributed teams using central Chat



Any **Time**



Any **Where**



Any **Device**



ChatOps Platform

Questions?

