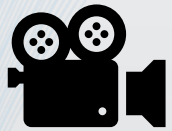


The background features a series of thin, flowing red lines that create a sense of movement and depth, resembling a stylized wave or a dynamic field of energy. These lines are set against a light gray gradient background.

Streamlining CPL: ***Revolutionizing IP Management*** ***with Black Hills AI***

Before We Get Started



Recording

A link to the recording and slides will be emailed to all registrants.



Recording

Type in the question box, and we will answer in real time or during the Q&A.



Social

Follow us on LinkedIn, Facebook, Youtube, and/or Instagram or visit blackhillsip.com to see upcoming and on-demand webinars.

Panel



Heather Bennett-Spurck

*Director of IP Operations,
Harness IP*



Thomas Marlow

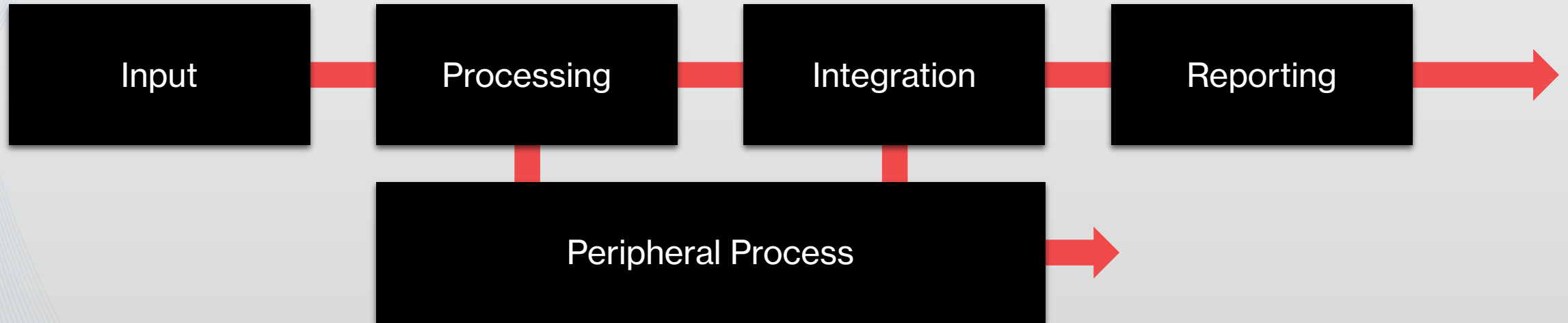
*President, BHIP Renewals,
CTO, Black Hills IP*



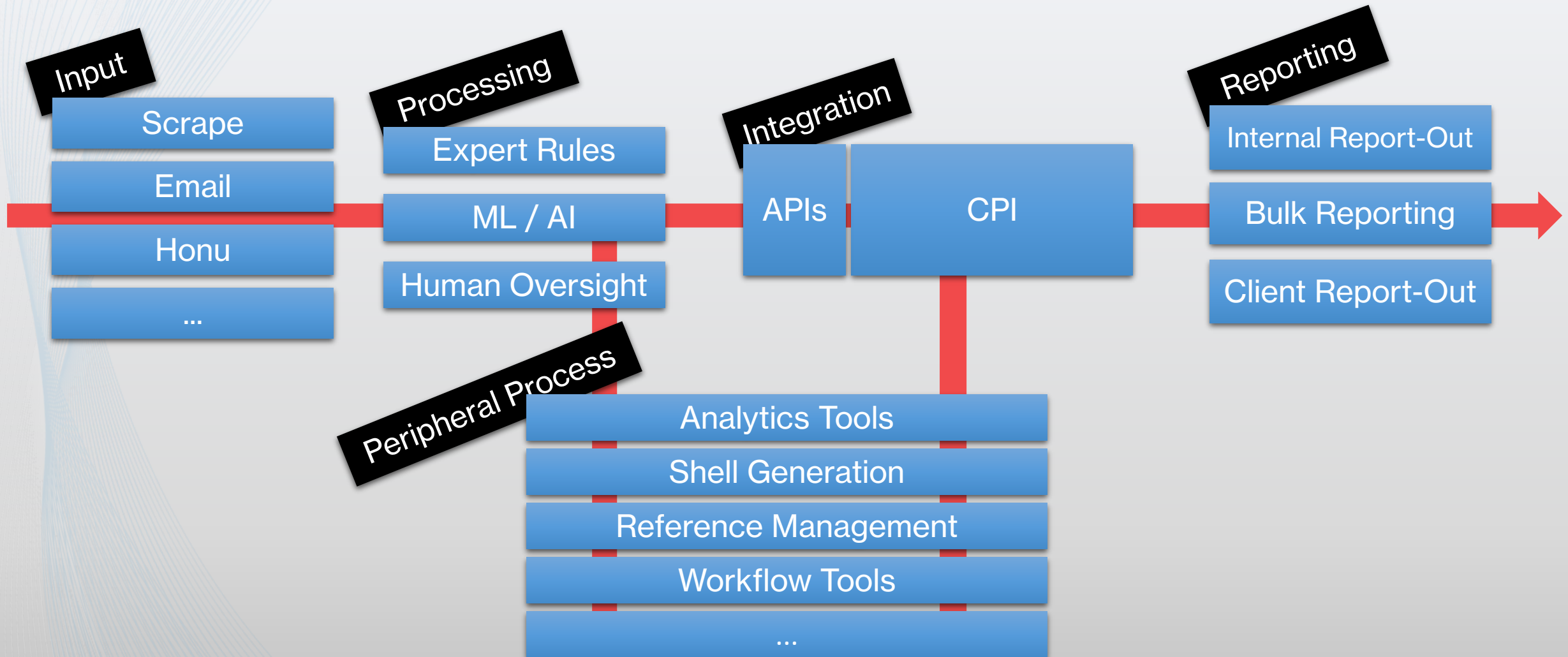
Adam Reece

*IP Automation Specialist Lead,
Black Hills IP
M.S. in Data Science student,
University of St. Thomas*

IP Process & Automation



IP Process & Automation (detail)



CPI Definitions

- **Action Type**
 - Due Date
 - Follow-Up
- **Remark**
 - Action Type level
 - Due Date level
 - Application level
- **Country Law Actions**



BHAI Setup



- ***Map PTO documents to corresponding CPI updates***
 - Adding/Closing actions
 - Updating bibliographic fields
 - Triggering supplemental IDS workflows
- ***Identify best practices for automation***
 - Analyze and optimize processes
 - Empower staff to work on complex tasks and make data-driven decisions

Pre-Pandemic Planning

The decision to automate with CPI pre-dates my current role, but collectively, we starting talking about auto docketing for our mid-sized firm around 2018.



Our WHY

- Expand the skill set of our current processors
- More reliability obtaining PTO mail
- Fast turnaround times
- Semi-automation of triggering events



Pre-BHAI In-House Processes

- In-house, we had many semi-automated several workflows, including downloading incoming PTO mail.
- We regularly experienced issues with the USPTO making back-end changes and the software breaking.

Reliability of USPTO Deliverables

Simply put, the USPTO breaks. A lot.



Trickle Down

*When one process breaks,
any dependent processes also break.*

CPI Automation

- We have a highly customized version of CPI.
- Since CPI is web-based, we rely on data drops for the latest data.



CPI Automation (cont'd)

- The decision to onboard with BHIP's auto docketing services was a no brainer but did require a lot of work and convincing of upper-level management.
- The hardest part was creating the action maps.
- Testing

Enough about patents. What about trademarks?



- Incoming trademark and PCT actions are processed using another semi-automated process.
- Harness the power of Outlook

How Are Things Internally?

- We have been able to reallocate some of our processors to other in-house roles.
- Offline vacationing is possible, and we are expanding the skills of our processors to do more human-centric/higher level tasks.
- ***BHAI is fast to patch when the USPTO makes an unexpected "enhancement", and we are able to operate under the guise of a bit more freedom and trust*** (thanks to BHAIs verification and our own in-house quality control).



Questions?

Thank you for your interest.