# Monthly PR & Impact Summary — October 2025

🚀 **Core Feature Work**

1. **Add Gibberish Analysis and Integrate into ICM Enrichment**
   * **Type:** New Feature
   * **Date:** 6 October 2025
   * **Summary:**
     1. Introduced automated gibberish detection to identify low-quality or irrelevant ICM content, improving ICM enrichment quality.

* **PR link:** [**Pull request 55267: Add gibberish analysis functionality and integrate into ICM enrichment process - Repos**](https://dev.azure.com/project-argos/Sorento/_git/oairt-ai/pullrequest/55267)

1. **Enhance rendering functions to conditionally display details based on data**
   * **Type:** Enhancement
   * **Date:** 6 October 2025
   * **Summary:**
     1. Updated render\_feed\_details.py to iterate over feed details safely and conditionally include engine definition data and Nimbus links.
     2. Updated get\_request\_id\_data.py to project the new ApimError field in query results for richer investigation context.

* **PR link:** [**Pull request 55771: Enhance rendering functions to conditionally display details based on data pr... - Repos**](https://dev.azure.com/project-argos/Sorento/_git/oairt-ai/pullrequest/55771)

1. **Add Pending Prompt Token Data to ICM Enrichment Reports**
   * **Type:** New Feature
   * **Date:** 9 October 2025
   * **Summary:**
     1. Introduced end-to-end functionality to analyse and display pending prompt token data in ICM enrichment reports**.**

* **PR link:** [**Pull request 55940: Add pending prompt token in enrichment - Repos**](https://dev.azure.com/project-argos/Sorento/_git/oairt-ai/pullrequest/55940)

1. **Enhance Timestamp Extraction Logic in ICM Data Reader**
   * **Type:** Enhancement
   * **Date:** 9 October 2025
   * **Summary:**
     1. Enhanced agent prompt with explicit rules to standardize impact time determination, reducing ambiguity during investigation processing.

* **PR link:** [**Pull request 56331: Enhance timestamp handling rules in extract\_icm\_info function - Repos**](https://dev.azure.com/project-argos/Sorento/_git/oairt-ai/pullrequest/56331)

1. **Add Functional Test for ICM Response**
   * **Type:** Enhancement
   * **Date:** 13 October 2025
   * **Summary:**
     1. Strengthened test coverage and reliability by adding a new functional test to validate icm agent response handling end-to-end.

* **PR link:** [**Pull request 56664: Refactor check\_dev\_feed to extract model name from engineId and add new functional test - Repos**](https://dev.azure.com/project-argos/Sorento/_git/oairt-ai/pullrequest/56664)

1. **Improve ICM Investigation Performance with Parallel Execution**
   * **Type:** Performance Improvement
   * **Date:** 14 October 2025
   * **Summary:**
     1. Significantly reduced ICM investigation execution time by replacing sequential function calls with concurrent task execution.
     2. Introduced parallel\_executor.py, a new utility module implementing a thread pool for concurrent task execution.

* **PR link:** [**Pull request 56140: Add multiple functions calls in parallel - Repos**](https://dev.azure.com/project-argos/Sorento/_git/oairt-ai/pullrequest/56140)

1. **Enhance error handling in KQL query to capture ClientAuthenticationError**
   * **Type:** Enhancement
   * **Date:** 15 October 2025
   * **Summary:**
     1. Added logic to extend the error field mapping by capturing and normalizing ClientAuthenticationError occurrences.

* **PR link:** [**Pull request 56993: Enhance error handling in KQL query to capture ClientAuthenticationError - Repos**](https://dev.azure.com/project-argos/Sorento/_git/oairt-ai/pullrequest/56993)

1. **Add IP Endpoint Checks in Load Analysis**
   * **Type:** New Feature
   * **Date:** 16 October 2025
   * **Summary:**
     1. Enhanced load analysis capabilities by adding IP-specific endpoint checks, improving accuracy of anomaly detection and monitoring.

* **PR link:** [**Pull request 56842: Add Ip endpoint check in Load Analysis - Repos**](https://dev.azure.com/project-argos/Sorento/_git/oairt-ai/pullrequest/56842)

**🔧 Workflow Enhancements**

* **Impact Observed:**Our Logic App, which is configured to trigger on ICM transfers, did not fire when the incident was transferred from Azure OpenAI Service / AOAI FE Team to Azure OpenAI Service / AMLOpenAIRuntimeDRI.
* **Action Taken:**Took the initiative to connect with the ICM support team to investigate and resolve this issue.

**⚡ Agent Endpoint Extraction Fix**

* **Impact Observed:**  
  For some ICMs, the agent was unable to extract endpoints from the incident title.
* **Action Taken:**  
  Connected with Vikas (who created the monitor) from another team to update the monitor configuration. After the update, our enrichment process is functioning correctly.