



Singapore Healthcare Management 2016

Managing Risks in Analytics Projects

Development of the SingHealth Access Restricted Cluster (ARC) to Facilitate External Collaborations

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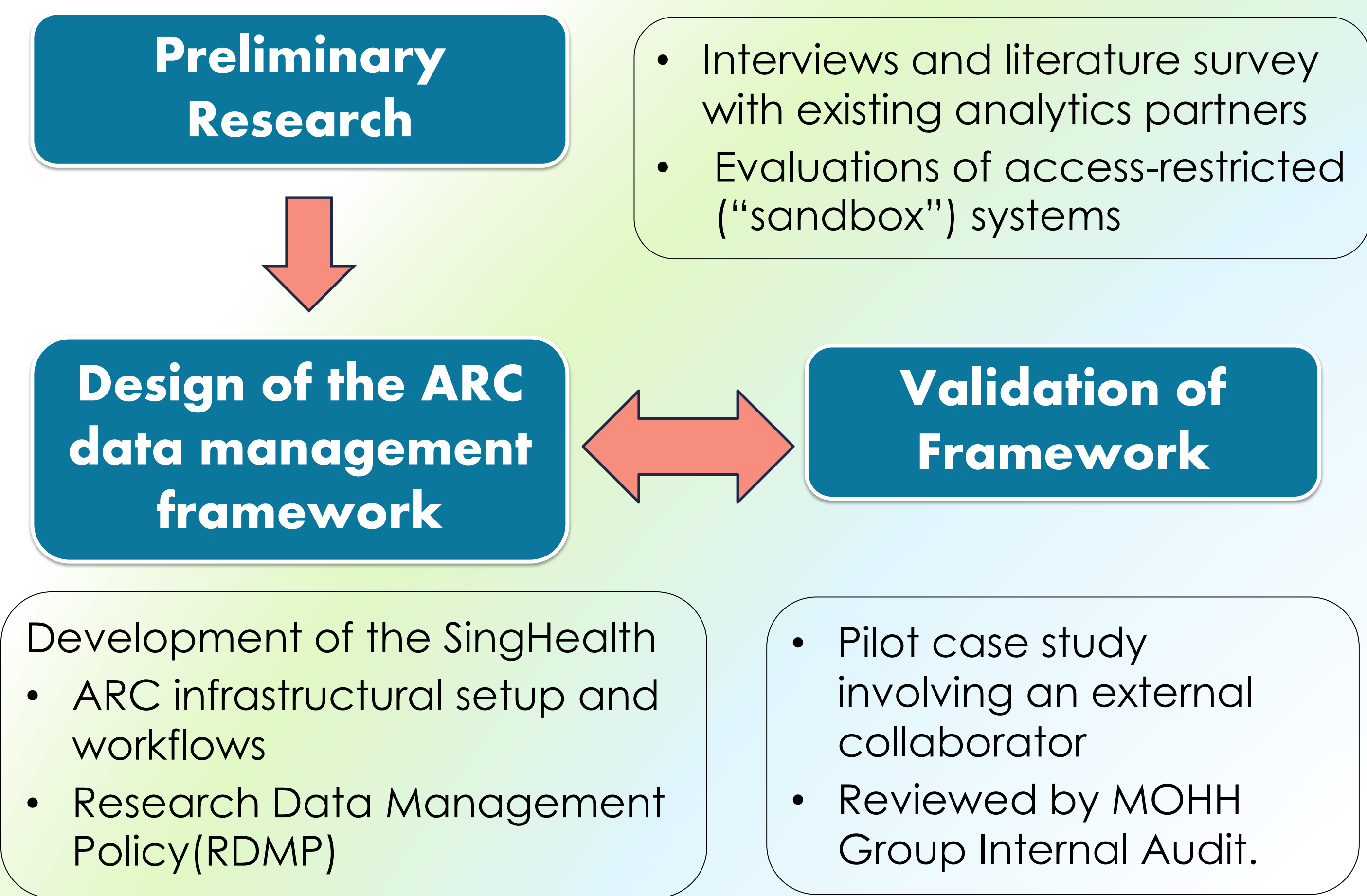


INTRODUCTION

Privacy and security have always been key considerations in the management of risks associated with the usage of clinical and operational data for the improvement of health services.

To effectively generate insights for the improvement of patient care from data in public healthcare institutions, strong collaborative ties need to be forged with academic and industry partners who are leaders in the field of healthcare analytics.

METHODOLOGY



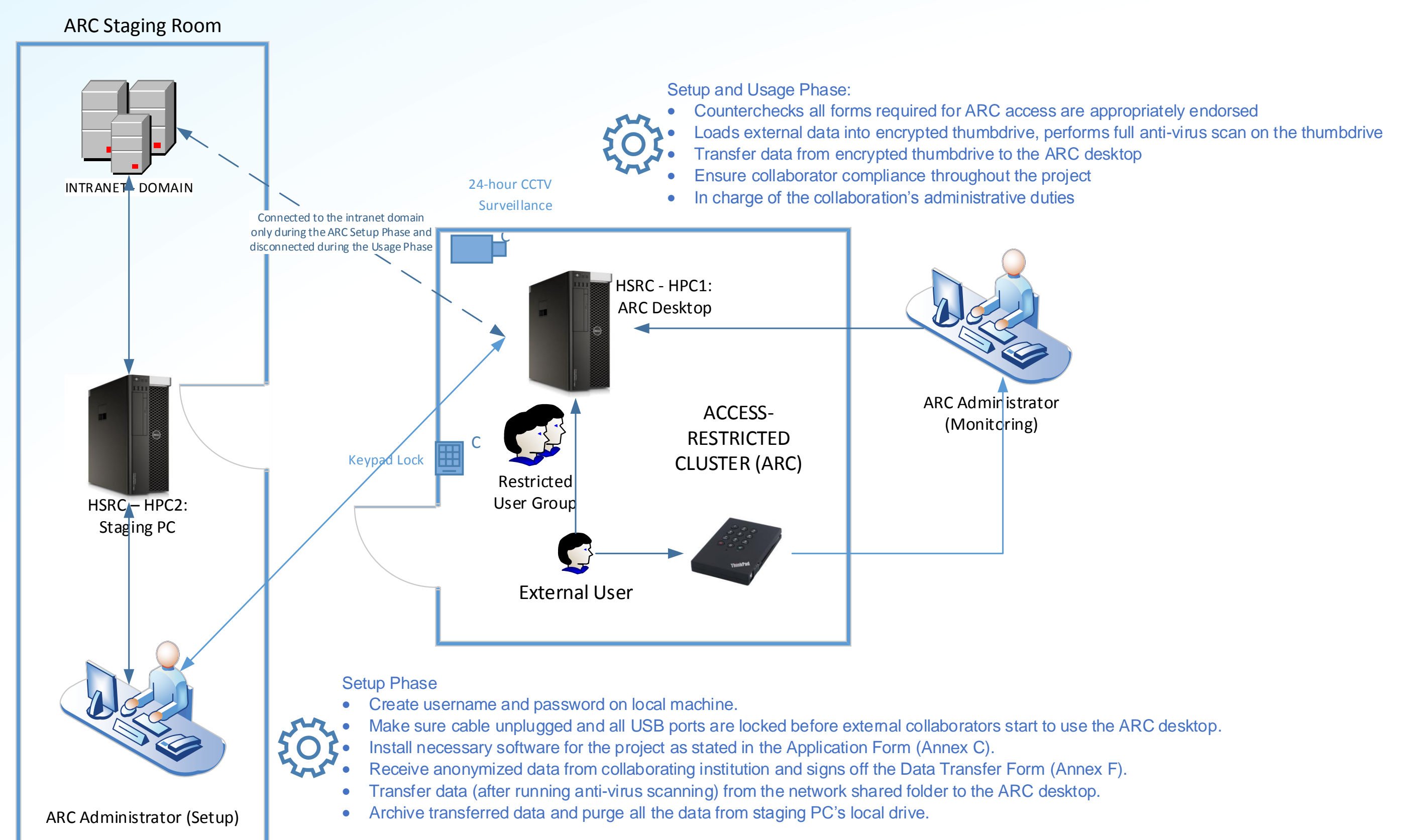
OBJECTIVES

- ✓ To protect the privacy and ensure the security of personal, clinical and operational data under the care of SingHealth, and;
- ✓ To facilitate collaborations with external industry and academic partners in leveraging healthcare analytics for the improvement of patient care.

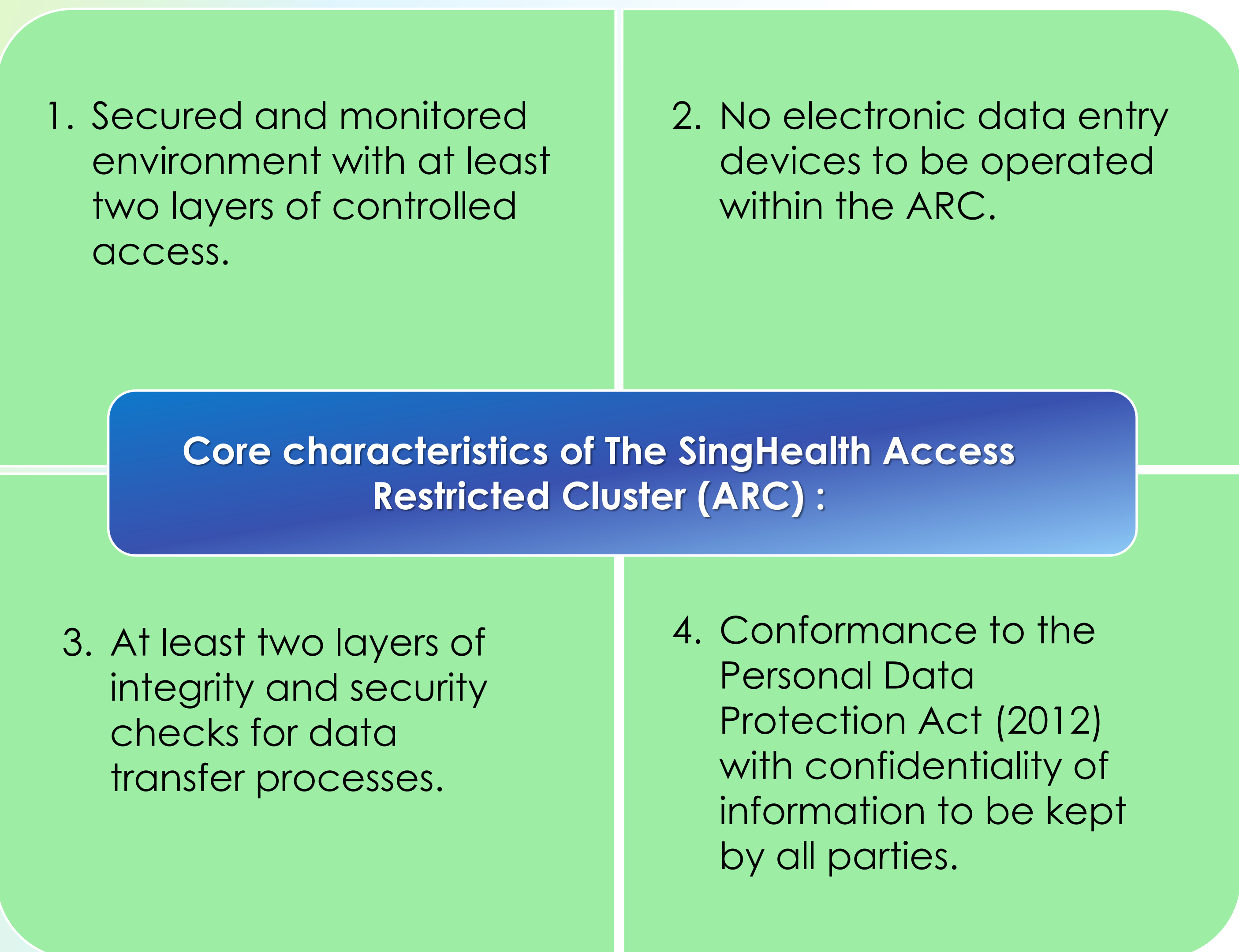
FRAMEWORK

- ✓ **Technical** - The SingHealth Access Restricted Cluster (ARC) within the SingHealth Health Services Research Centre (HSRC), and;
- ✓ **Policy** - The SingHealth Research Data Management Policy for the usage of the SingHealth ARC.

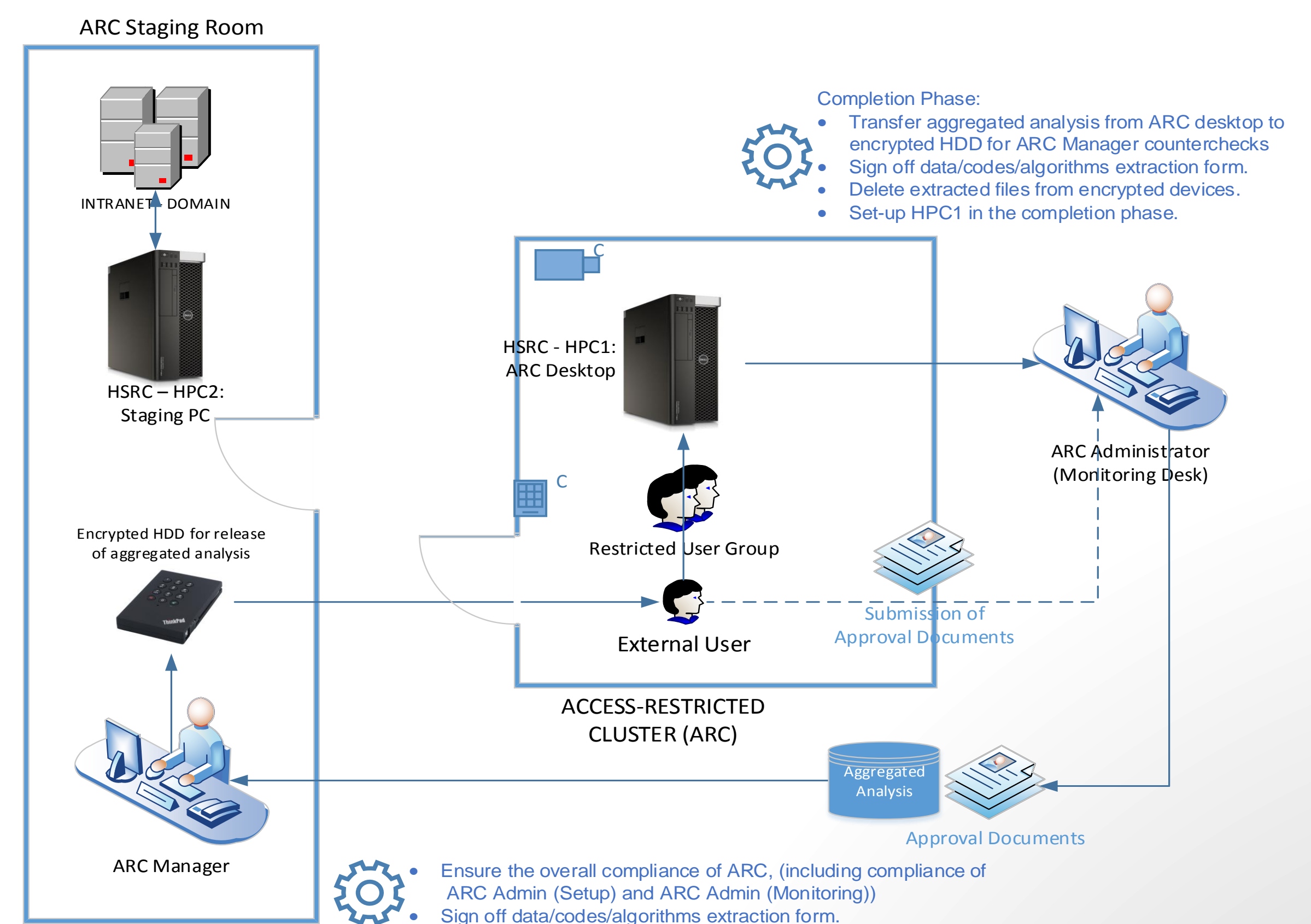
SETUP AND USAGE PHASE



RESULTS



COMPLETION PHASE



CONCLUSION

- ✓ **Manage data sharing risks in external collaborations**
- ✓ **Encourage responsible data management**
- ✓ **Facilitate high quality analytics outcomes**