

## Cyres Cinergy – NHS Product Technical Overview

Cyres provides an independent suite of gynae oncology reporting tools. They have been developed in conjunction with medical experts and designed to meet all the reporting needs of clinicians, lab managers, consultants, quality assurance bodies and technical staff.

Cyres products work with all the pathology and colposcopy systems in use around the UK and make data reporting and analysis simple, quick and easy.

### What Is Cinergy?

- Cinergy provides a bank of pre-designed reports and queries to deliver performance management reports for clinicians and the National Screening Office. The design and build of all such reports have been checked and approved by the National Screening Office to ensure all definitions correspond precisely with national mandatory requirements.
- These extensive reporting capabilities for the NHS Cervical Screening Programme are output via its component modules - Cyres Cytology, Cyres Colposcopy and Cyres QA.
- Cinergy also provides an online query builder and report writer designed and built by Cyres.

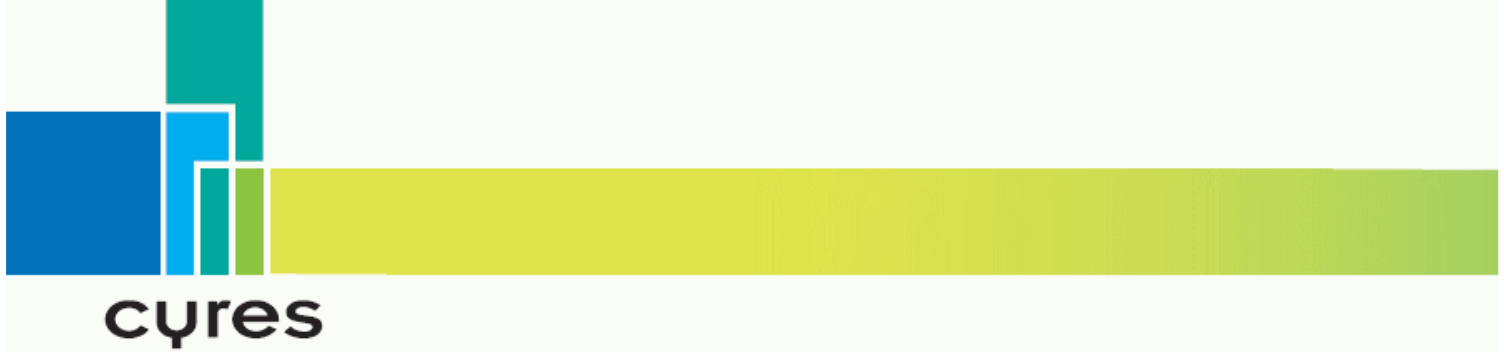
### What Data Does It Work With?

- Cinergy is not designed for data entry.
- Instead, it enables users to connect to existing databases and to generate reports and analysis.
- Cinergy also allows NHS Cytology Labs and Colposcopy Clinics to upload data to a national server controlled by NHS England.
- All data remains within NHS-managed database systems.
- Cyres own staff never have access to NHS patient data.

### Where is Cinergy Installed?

- The national Cinergy server is hosted by NHS England.
- To facilitate data migration between local servers and the central system, Cyres supplies an empty Microsoft SQL Server. The configuration and security of this





database is entirely under the control of the customer's own IT staff.

- A few NHS Trusts still use components of Cinergy (such as Cyres Cytology Reporting Tool) without access to the online features. Such installations are installed locally on the customer's own IT systems, and, after initial configuration (using dummy data), the software is handed over to the customer to manage. The software is then able to report on and analyse the local data.
- Cyres staff do not have access to live systems.

### **How is Cinergy Accessed?**

- Cyres supplies initial login credentials to enable new customers to activate the product but has no control over the second stage of authentication, which is via a unique Yubikey.
- Cyres itself does not have this two-stage access and cannot bypass it.

### **How Secure is the Data?**

- All data remains under the control of NHS Trusts and/or NHS England at all times and so remains subject to the customer's own data integrity controls.
- Where data is transferred between a local server and the central NHS server, the transfer meets the highest possible standards of security since:
  - it uses the HTTPS protocol,
  - the data remains on the NHS network so is only accessible to authorised NHS users, and only those with a registered Yubikey.
- All data remains subject to NHS security protocols at all times.

